

C
EP5H
1912/13

Ellsworth College Catalog

UNIVERSITY OF ILLINOIS LIBRARY

SEP 29 1918

1912-1913

IOWA FALLS, IOWA

Bulletin - of - Ellsworth - College

Vol. III

July

No. 5

Entered in the postoffice at Iowa Falls, Iowa, as second-class matter.

UNIVERSITY OF ILLINOIS LIBRARY

SEP 29 1916

Catalog of Ellsworth College



Education is a preparation for complete living.—Herbert Spencer.

IOWA FALLS, IOWA

1912 - 1913

1912						
JANUARY						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..
FEBRUARY						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	..	..
..	..	..	..	..	..	..
MARCH						
S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..
APRIL						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..	..	..	..	..	..	..
MAY						
S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..
JUNE						
S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..
JULY						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..
AUGUST						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..	..	..	..	..	..	..
SEPTEMBER						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..	..	..	..	..	..	..
OCTOBER						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..
NOVEMBER						
S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
..	..	..	..	..	..	..
DECEMBER						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

CHARLES PAGEL

1913						
JANUARY						
S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..
FEBRUARY						
S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	..
..	..	..	..	..	..	..
MARCH						
S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..
APRIL						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..
..	..	..	..	..	..	..
MAY						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..	..	..	..	..	..	..
JUNE						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..	..	..	..	..	..	..
JULY						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..
AUGUST						
S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..
SEPTEMBER						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..	..	..	..	..	..	..
OCTOBER						
S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..
NOVEMBER						
S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..
DECEMBER						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

F. PAGEL & SONS

The College Calendar

1912 - 1913

First Semester

First Quarter

1912

September 14, Saturday—Entrance examination and registration, 9:00 a. m.-4:00 p. m.

September 16, Monday—Entrance examination and registration, 8:00 a. m. 4:00 p. m.

September 16, Monday—Faculty meeting, 4:00 p. m.

September 17, Tuesday—Instruction begins in all departments, 7:40 a. m.

September 17, Tuesday—Annual reception for students and faculty by the Christian Associations at 8:00 p. m.

October 5, Saturday—Annual October drive and reunion.

November 15, Friday—Examinations in the Academy and the School of Commerce.

November 15, Friday—Fall quarter closes, 4:20 p. m.

Second Quarter

November 16, Saturday—Registration for new students, 9:00 a. m.-4:00 p. m.

November 18, Monday—Instruction begins in all departments, 7:40 a. m.

November 27, Wednesday—Thanksgiving recess begins 4:00 p. m.

December 2, Monday—Instruction resumes in all departments, 7:40 a. m.

December 20, Friday—Christmas vacation begins 4:20 p. m.

December 30, Monday—Instruction resumes in all departments, 7:40 a. m.

1913

January 23-24, Thursday and Friday—Final semester examinations in all departments.

January 24, Friday—Semester closes 4:20 p. m.

Second Semester

Third Quarter

January 27, Monday—Registration, 8:00 a. m.-4:00 p. m.

January 28, Tuesday—Instruction begins in all departments 7:40 a. m.

February 5, Wednesday—Annual reception to students, given by the faculty, 8:00 p. m.

February 9, Sunday—Lincoln Vesper Service, 4:00 p. m.

February 21, Friday—Business Men's Day, 10:00 a. m.

March 28, Friday—Examinations in the Academy and School of Commerce.

March 28, Friday—Spring vacation begins at 4:20 p. m.

Fourth Quarter

April 7, Monday—Registration for new students, 9:00 a. m.-4:00 p. m.

April 7, Monday—Instruction begins in all departments, 7:40 a. m.

May 16, Friday—Annual May Day Tea by Christian Associations, 5:30 p. m.

May 30, Friday—Recess, Decoration Day.

May 30, Friday—Senior Chapel 9:40 a. m.

May 30, Friday—President's luncheon to the Senior Classes, 12:30 p. m.

May 30, Friday—Annual Joint Program of the Literary Societies of the Academy, 8:00 p. m.

June 1, Sunday—Sermon before the Christian Associations, 10:30 a. m.

June 1, Sunday—Baccalaureate Address at 8:00 p. m.

June 2, Monday—Founder's and Patrons' Day at 8:00 p. m.

June 2-3, Monday and Tuesday—Final semester examinations in all departments.

June 3, Tuesday—Annual recital of Conservatory of Music at 8:00 p. m.

June 4, Wednesday—Annual Meeting of Board of Trustees, 10:00 a. m.

June 4, Wednesday—Class Day of Academy, 2:30 p. m.

June 4, Wednesday—Annual Joint Program of the Literary Societies of the College at 8 p. m.

June 5, Thursday—Class Day of the College of Liberal Arts, 10:00 a. m.

June 5, Thursday—President's reception for College Seniors, 3:00-5:00 p. m.

June 5, Thursday—Commencement exercises, 8:00 p. m.

June 6, Friday—Alumni Business Meeting 4:00 p. m.

June 6, Friday—Alumni Banquet 8:00 p. m.

1913-1914

September 15, Monday—College opens.

Board of Trustees

E. O. ELLSWORTH, Iowa Falls, Iowa.

HON. S. M. WEAVER, Iowa Falls, Iowa.

*J. H. CARLETON, Emeritus, Iowa Falls, Iowa.

JAMES P. CARLETON, St. Paul, Minn.

R. W. BIRDSALL, Dows, Iowa.

Z. K. HOAG, Iowa Falls, Iowa.

W. H. WOODS, Iowa Falls, Iowa.

HON. WILLIAM WELDEN, Iowa Falls, Iowa.

MRS. HATTIE A. ELLSWORTH, Iowa Falls, Iowa.

FRANK D. PEET, Iowa Falls, Iowa.

Officers of the Board of Trustees

HON. S. M. WEAVER	President
MRS. HATTIE A. ELLSWORTH	Vice-President
FRANK D. PEET	Secretary
W. H. WOODS	Treasurer

Standing Committees of the Board

Committee on Endowment Lands

E. O. ELLSWORTH	J. B. PARMELEE
W. H. WOODS	

Executive Committee

HON. S. M. WEAVER	MRS. HATTIE A. ELLSWORTH
FRANK D. PEET	W. H. WOODS

Finance Committee

HON. WILLIAM WELDEN	FRANK D. PEET
Z. K. HOAG	

Committee on Buildings and Grounds

Z. K. HOAG	W. H. WOODS
MRS. HATTIE A. ELLSWORTH	

Committee on Faculty

Z. K. HOAG	S. M. WEAVER
FRANK D. PEET	

*Deceased.

Faculty

IDO FRANKLIN MEYER, Litt. M., A. M.

President

Professor of Psychology and Philosophy

Litt. M. Hedding College 1895. Ph. B. Iowa College 1904. A. M. University of Illinois 1905. President Ellsworth College 1905.

SHERIDAN R. JONES, A. M.

Professor of Science and Curator of Museum

Professor of Biology.

A. B. University of South Dakota 1902. A. M. University of South Dakota 1906. Biology Ellsworth College 1908.

B. ROLAND LEWIS, A. M.

Professor of English.

A. B. Ohio Northern University 1905. A. M. Ohio Northern University 1907. University of Chicago 1907, 1908. English Ellsworth College 1908.

CHARLES B. RAYHILL, A. M.

Professor of History and Mathematics.

A. B. Park College, Parkville, Mo., 1903. A. M. Park College 1905. University of Chicago 1908. Mathematics Ellsworth College 1908. History Ellsworth College 1909.

HERMAN FERMAIN HARRIS, Ped. B., A. M.

Professor of Latin, Greek and French.

A. B., Ped. B. University of Missouri 1893-4. A. M. University of Missouri 1897. Graduate Student in Yale University 1904-5. Latin, German and French, Ellsworth College 1908.

OTHELLO E. REYNOLDS, A. M.

H. T. DAGISTAN, A. B.

Professor of Public Speaking and Education.

Graduate New York State Normal and Training School 1895. Graduate Emerson College of Oratory 1899. A. B. and Teacher's Diploma in English University of Michigan 1903. Special Graduate Student Ibid 1904-5. Public Speaking and Education Ellsworth College 1909.

LYDE DRUMMOND HARRIS, A. M.

Professor of German.

Litt. B., S. B. Christian College, Columbia, Mo., 1904. Two years' graduate study University of Missouri. A. M. Ellsworth College 1911. Professor of German and Latin Ellsworth College 1908. Professor of German 1909.

GARELD LEMING, A. M., LL. B.

Professor of Political and Social Science, and
Principal of Ellsworth School of Commerce.

- A. B. Ohio Wesleyan University 1904. Graduate Student Leland Stanford University 1905-6. LL. B. Cincinnati Law School 1906-7. A. M. Ohio Wesleyan University 1909. Principal Ellsworth School of Commerce 1909. Chemistry and Economics Ellsworth College 1909. Principal Ellsworth School of Commerce, and Professor of Political and Social Science 1912.
- 

ARTEMAS ERWIN BULLOCK, Mus. B.**Director of Conservatory of Music**

Professor of Voice and Piano.

Graduate of Oberlin Conservatory of Music. Student of Vannini in voice, and also of Buonamici in piano, Florence, Italy, one year. Mus. B. Oberlin Conservatory of Music 1907. Director of Ellsworth Conservatory and Professor of Music 1895.

MINNIE ADAMSON BULLOCK

Instructor in Piano, Harmony and Musical History.

Graduate of Ellsworth Conservatory of Music 1899. Student of Oberlin Conservatory of Music 1899, 1900-1-2. Instructor of Music Ellsworth Conservatory 1902.

BELLE M. STOUT

Instructor in English Grammar and Geography,
and Assistant in English.

Studied in Hamlin University, St. Paul, Minn. Instructor in Rhetoric,
English Composition and Orthography, and Assistant Instructor in
Mathematics, Ellsworth College 1899. Ibid. English Grammar,
Geography and Assistant Instructor in English 1908.

JUSTENIA SUSANNA MEYER

Instructor in Shorthand and Typewriting.

Graduate of Macomb Shorthand School 1893. Student at University of
Illinois 1904-5. Graduate of Ellsworth Conservatory of Music 1908.
Instructor Shorthand in Ellsworth College 1905.

JOHN P. HIMMEL, S. B.

Instructor in English and Arithmetic.

S. B. Northwestern College 1910. Instructor in English and Arithmetic
in Ellsworth College 1911.

KATHRYN A. MARSO

Instructor in Violin and Viola.

Graduate of Chicago Musical College in Violin 1911. Graduate and Post
Graduate of Chicago Music College 1912. Violin and Viola Ellsworth
College 1912.

GEORGE W. BEEBE

Instructor in Wind Instruments and Cadet Band Director.

Other Officers and Instructors

Gareld Leming

Director of Athletics, Baseball Coach, and
Assistant Football Coach.

Sheridan R. Jones

Basketball Coach.

Charles B. Rayhill

Football Coach.

Lyde Drummond Harris

Girls' Basketball Coach.

Harold C. Bingham

Assistant Basketball Coach.

George C. Mauss

Secretary to the President.

Gareld Leming

Preceptor Main Hall.

Belle McLaughlin Stout

Preceptress Caroline Hall.

B. Roland Lewis

Preceptor North Hall.

Josie Stout

Librarian.

Mrs. George Fitts

Chef and Overseer of Dining Hall.

A. C. Ford

Engineer and Head Janitor.

Standing Committees of the Faculty

Athletics

Messrs. Leming, Jones, Rayhill, Bingham, Himmel.

Catalog and Curriculum

Messrs. Reynolds, Rayhill, Dagistan.

Classification, Registration, and Schedule

Messrs. Rayhill, Jones, Harris, Leming, Bullock.

College Paper

Messrs. Harris, Lewis, Dagistan, Reynolds.

Graduate Study

Messrs. Jones, Harris, Reynolds.

Library

Messrs. Lewis, Bullock, Harris, Leming.

Student Organizations

Messrs. Dagistan, Leming, Himmel, Mesdames Harris, Stout.

Religious Services

Messrs. Harris, Bullock, Himmel, Lewis, and Bingham.

Social Affairs

Mesdames Harris, Meyer, Bullock, Stout, Messrs. Jones, Bingham.

Lectures

The following persons give occasional lectures before our students:

Hon. Silas Matteson Weaver, LL. D.

Judge of the Supreme Court of Iowa.

The Reverend Father Convery

Pastor of the Catholic Church.

The Reverend William Hardcastle

Pastor of the First Congregational Church.

The Reverend Jesse R. Caffyn

Pastor of the First Methodist Episcopal Church.

The Reverend Leroy E. Viets

Pastor of the First Baptist Church.

The Reverend Harley F. Bolton

Pastor of the First Church of Christ.

General Information

General Statement

The college was given its name in 1890 in honor of Mr. E. S. Ellsworth. Mr. Ellsworth was a prominent business man and financier of Iowa Falls up to the very time of his death in 1907. He expended large sums of money on the campus, buildings and equipment of the college. The wonderful growth of the college from a small number to over four hundred, in a period of a few years, has amply justified the wise foresight and large philanthropy of its public-spirited benefactor and real founder.

On March 12, 1906, Mr. Andrew Carnegie gave the college \$10,000. To this, the citizens of Iowa Falls added \$15,232. The late Mr. E. S. Ellsworth then gave \$40,000. These gifts made it possible to make improvements aggregating in value over \$65,000. In 1907, the late Mr. E. S. Ellsworth, by his will, gave to the college four thousand nine hundred and ninety-two acres of improved Iowa land to serve as the basis of a permanent endowment fund.

Organization

The College of Liberal Arts comprises and offers four years of standard collegiate work in the sciences, literature and art, leading to the degrees of A. B., Ph. B., and B. S. Students who complete these courses are given full credit for their work and are admitted to graduate standing in the standard colleges and universities.

The School of Education offers a four-year course of academic grade, leading to the five-year state certificate. For graduates of accredited high schools, a two-year course of collegiate grade is offered. This also leads to the five-year state certificate. In addition to these courses, special professional work for the five-year state certificate is provided.

The Academy offers standard courses for entrance to colleges or universities.

The School of Commerce offers short, practical courses for students who cannot continue long in their general preparation for business life.

There are also offered courses of one, two, three and four years each which give complete, practical training for young people who do not wish to take the regular High School or Academic work, but who wish to secure a more general and a more practical business training.

The Conservatory of Music offers complete courses in vocal and in instrumental music, which are of high grade and are accepted by the standard conservatories.

Location

Iowa Falls, the home of Ellsworth College, is a thriving town of about 3,000 people. It is located at the junction of four good railroad lines: Chicago & North Western, Rock Island, Illinois Central and St. Paul & Des Moines. It is situated on both banks of the Iowa at a point where the river has worn a deep gorge. The rocky walls of the canyon rise perpendicularly to a height of forty to seventy-five feet. In the midst of the city, a tributary branch known as Rock Run, joins the river. The Canyon of Rock Run, as well as that of the river, is remarkable for its beauty and grandeur.

The city has a more than state-wide reputation for her picturesque scenery. The river, as it approaches the city, descends in a series of cascades, then winds for miles through a deep-cut channel. Its rock banks are fringed with clinging vines and tufts of red cedar and its banks are covered with hardwood trees.

The site of the city is high and extremely beautiful. The river cuts its deep canyon through it in the form of the letter "S" and the stream is spanned by a number of high bridges, with ample driveways and walks. From these elevations the city has an uninterrupted and splendid view over the surrounding landscape, covered with rich farms and dotted here and there with fine groves. Sewerage and city water supply are ideal, and it would be difficult to find a more healthy community.

A permanent summer Chautauqua brings high grade talent every season. The Metropolitan opera house, one of the finest in Iowa, engages many first-class entertainments. Ellsworth hospital is one of the finest,

and the new Carnegie-Ellsworth library is one of the most attractive and unique structures of its class. The Zoological park, the boating grounds, the numerous parks and many splendid walks and drives supply additional features so much desired in a college town.

The city supports a splendid public school system and numerous important industries. Good lighting and heating plants are in operation. The moral atmosphere of the community is good. There are churches of various denominations. Iowa Falls has had no saloons for many years.

These are a few of the special features that add to the natural endowment of Iowa Falls as a college town where college environment is almost ideal. They indicate the progress and attractiveness of the city as a place of residence and a home for student life.

Endowment

By the will of the late Mr. E. S. Ellsworth, Ellsworth College receives four thousand nine hundred and ninety-two acres of improved Iowa land. This land, if sold now, should bring over \$300,000 and, if held a few years, it would bring a largely increased amount, possibly \$500,000. This foundation makes it possible for Ellsworth College to maintain high educational ideals, and to rank with the best schools of the country.

Grounds and Buildings

The Campus

On grounds sloping gently upward from the Iowa river, and some dozen blocks from that beautiful stream, is the college campus, upon which, among beautiful, native forest oaks, stand the buildings of Ellsworth College.

This beautiful campus, of about two and one-quarter blocks, is sur-

rounded by attractive residences, well-shaded lawns and well-kept streets.

Athletic Park

Through the kindness of Mr. Ellsworth, the College has been provided with a fine athletic field, with bleachers, baseball diamond, and foot ball grounds.

Main Hall

The main building stands fronting Pine street and facing College avenue. It is 157 feet long by 54 feet wide and is four stories high. It is constructed of stone and brick. The first story of this hall is now occupied by the department of physics. The second floor is occupied by Administration offices, art studio, nine lecture rooms and the Christian Association room. On the third floor, is located the School of Commerce, occupying the west half of the floor, consisting of three rooms; an actual business practice room, a shorthand room and a typewriting room. In the east half of the floor is the chapel. On the fourth floor, are dormitory and society rooms for men.

North Hall for Men

In this hall, there are twenty-four suites of rooms, each consisting of a study room and a bed room, and furnished with study table, book case, wash stand, bowl and pitcher, bedstead with springs and mattress. These rooms are heated by the new heating plant and lighted by electric lights. Both shower and tub baths are provided. A resident professor is in charge of the hall.

Caroline Hall

The building is 38x150 feet and faces Main street. The campus in front, has depth of 100 feet, thus providing a beautiful and ample lawn.

The foundation of this building above the ground is of cut stone,

the superstructure is veneered with pressed brick, trimmed with cut stone, and the roof is of tile.

It has a high basement, first, second, third and fourth floors. The basement provides a spacious and well-lighted dining room, serving room, kitchen, store room and laundry. The basement and floors are connected by an elevator, a clothes chute and a dumb waiter. Through the entire length of the first, second and third floors run corridors eight feet in width, on either side of which are dormitory rooms which are about 12x14 in floor space and 8 feet 6 inches in height; each room has large closet about 3x5. The woodwork of these rooms is finished in oil and varnished. There are, on the three floors, fifty-five of these rooms, all well-lighted and heated. The preceptress' rooms are on the first floor, at the right of the front entrance. On each floor, there is a bath room with hot water and cold water. On the fourth floor is the girls' gymnasium. This is a large room, well ventilated and lighted, running the entire length of the building.

The New Carnegie Library

This building stands on Pine street and faces Main Hall. The main structure is 60 feet long by 34 feet wide with a stack room at the rear 24 feet long by 12 feet wide. The building is practically three stories high, the basement story being well elevated and well lighted, and is constructed of pressed brick trimmed with stone, with a roof of tile. The museum and the biological laboratories are located on the first floor.

On the second floor, there is a large periodical and general reading room 58 feet long by 32 feet wide, at the rear of which is a stack room 24 feet long by 12 feet wide, and there are on the third floor a society hall and four music studios.

Heating and Lighting Plant

This is a very neat structure of stone and pressed brick, with tile roof. It has two eighty-five (85) horsepower boilers and a twenty-five

(25) horsepower Springfield Ideal Engine and a dynamo that will normally generate one thousand (1,000) eight (8) candle lights.

Government

Our rules of government are few in number and very general in their application; and our students do not require that these rules be enacted with the minuteness of positive statutes; it seems to be enough to state them in general terms. It has been our good fortune to have sent to us an excellent class of young ladies and gentlemen, and to find that for the most part they are disposed to do what is right, largely on their motion and to control themselves according to social propriety. Our requirements are embraced in the Golden Rule.

Lecture Course

The annual lecture course embraces the best talent that can be procured. It includes not only lectures by eminent speakers, but also musical and other entertainments, all of high order. The course this season will consist of six numbers.

Examinations and Grades

The final standings of students are made up from: 1. Daily recitations. 2. Quizzes and drop examinations. 3. Final or term examinations. It is felt that the consideration of these factors make it possible to arrive at a just estimate of each student's work every day he is in school. He cannot neglect his work a single day without injury to his final standing. The plan compels the student to work regularly. Otherwise a correspondingly lower final grade will be recorded for careless, hap-hazard or inattentive effort.

Recitations and Studies

Each student is expected to have not less than twelve hours of work or its equivalent. No student will be allowed to take more studies than are indicated for his class without permission. No student will be permitted to receive instruction in any study that is not on his classification card. A student having selected any course, or an elective study, for any year, cannot change without the consent of the Faculty or President.

Religious Culture

In both theory and practice the spirit of the college is Christian, but it is undenominational. The great and real principles of love and service in our relations to our fellow men are taught clearly, definitely and practically. The aim is to develop the life of each student so that right tendencies may be implanted or emphasized.

Formal and systematic Bible study, under the personal direction of members of the faculty, is kept up weekly by the Christian Associations of the college. There are also regular courses in Bible study for College credit.

Devotional services are held daily in the College Chapel and on the Sabbath a special Vesper service is conducted. These prove of great value to all who attend.

The churches of the city welcome the students to the Sunday schools and the young people's societies of the churches. In connection with these, special devotional services and Bible study classes are conducted.

Every effort is made to lead students to know and to feel the deep abiding reality of genuine Christian culture.

Student Organizations

Among the integral part of the college are the various organizations of the students, all of which are more or less under the direction of the faculty. Among these are the Young Men's Christian Association, the

Young Women's Christian Association, the Athletic Association, the Editorial Board, the Oratorical Association and the following literary societies: Aonian, Philomathean, Emersonian, Alethean and the Phi Delta.

The Young Men's and Young Women's Christian Associations are in close touch with the young people of the college and are instrumental in creating a refining and elevating influence in student activities. Their aim is primarily religious and social. Under their direction interesting and valuable devotional meetings are held weekly in addition to which classes in Bible study are conducted by members of the association and by members of the faculty. Much valuable assistance is given to incoming students who may need advice and direction.

Y. M. C. A.—Ben Trickey, Iowa Falls, Iowa, President; George Mauss, Spencer, Iowa, Secretary.

Y. W. C. A.—Florence Stockdale, Iowa Falls, Iowa, President; Laura Adamson, Iowa Falls, Iowa, Secretary.

The Athletic Association is another organization directly under the supervision of the faculty and includes those students of the college who have subscribed to the constitution of the association and have paid annual fees. It has general supervision over all athletic sports in which the College engages, such as football, basketball, baseball, track athletics, tennis, etc.

The Editorial Board is a very active and effective organization which has the editing, under faculty direction, of "The Ellsworth Student," a magazine issued semi-monthly in the interests of the college, students and alumni. This magazine is of great interest and value to its readers because its pages are filled with material which is an index of the activities of student life as they prevail in Ellsworth College.

The Literary Societies are organizations which are growing in membership and efficiency, and which deserve great credit for the work they do in developing a taste for literary work among the students. The academy supports three of these literary societies, Aonian, Philomathean and Emersonian; the College supports two, the Alethean for young women and the Phi Delta for young men. While the work is conducted under the direction of critics who are members of the faculty, yet the greatest

liberty is allowed. The most excellent results are obtained in declamatory, oratorical and forensic work. Each society gives an anniversary program. These programs occur during the second and third quarters. The work of the societies culminates in the annual joint programs given during commencement week.

Literary or other societies can exist in the institution only by Faculty sanction, which is not given until its constitution and by-laws have been submitted and approved. Whenever the working of any society shall be deemed prejudicial to the college, such society shall be dissolved. No society of the College shall invite any lecturer to address them in public until the name of the proposed lecturer has been laid before the President, and permission has been given to extend the invitation.

Ellsworth College Oratorical Association was organized in May, 1910. As stated in the constitution, "The object of this association shall be, in co-operation with the Department of Public Speaking, to foster, encourage, and supervise all special efforts in oratory, debate and drama representing Ellsworth College." This organization supervises, annually, a college play, inter-collegiate and inter-academic debates, an oratorical contest for the college, a declamatory contest to which all students below college rank are eligible, and other special events. The Association offers three prizes in oratory and three in declamation. In March 1911, the local association was admitted into membership with the Iowa Collegiate Oratorical Association. Beginning with 1911-12, the College will hold an annual oratorical contest, preparatory to sending representatives to the state contest and convention.

The officers of the E. C. O. A. for the year 1912-13, are as follows: President, Milford Kratz; Vice-President, Florence Thorpe; Recording Secretary, Harvey Risse; Treasurer, Will Hoffman; Corresponding Secretary, Ray Fanselow.

The Cadet Band is a permanent organization. New members must now pass a satisfactory examination before they may become regular members. If they cannot pass, they are required to take lessons of Mr. Beebe until they are qualified to join.

Special Student Committee to Plan October Drive:

George Mauss

Edda Mason

Florence Thorpe

Benjamin Trickey

Ray Tidman

Edna Kratz

Library Facilities

Ellsworth College points with pride to her excellent library facilities. A library of new books in a new library building affords ample opportunity for reference work and research. Many of the latest publications in every department may be found on the book-racks and the leading educational magazines and periodicals, and daily papers are kept on file in the reading room. In connection with its lecture work, every department of the college carries on systematic library research. So important has the reference work become that the library is a centre of student activities.

Much interest has been manifested during the last few years in this phase of equipment. Many donations of books and money have been made, among which the most recent are:

The "Father" Coffin Library of Economics. The Honorable L. S. Coffin, of Fort Dodge, whose interest in Ellsworth College is to be commended, was the donor of \$1,000 for the Ellsworth College Library. This sum is to be expended in the purchasing of books on Economics and Social Science and is to be known as the "Father" Coffin Library of Economics.

The John H. Carleton Collection. John H. Carleton, of Iowa Falls, is another whose interest in Ellsworth College has been noteworthy. The sum of \$1,000 which was donated by him has been expended in purchasing books on Literature, Philosophy, Science, etc., and is known as the John H. Carleton Collection.

The city Carnegie-Ellsworth Library is also open to the use of students. Many popular magazines and many interesting and valuable books may be obtained for reading and reference purposes.

Athletics

Encouragement and assistance is given to promote the highest type of athletic spirit. While everything is done to foster efficiency in athletics, it is kept subordinate to the regular work of the class-room. As a requirement for eligibility to play on any team representing the college, the student must be doing creditable work of at least fifteen hours. Special

coaches are provided and opportunity is offered to students to work in football, basketball and baseball. Excellent schedules of intercollegiate games are arranged, and every opportunity is afforded to furnishing physical exercise which is so necessary to student life. All home contests are held on the Ellsworth College Athletic Field which is provided especially for this purpose.

Laboratories

The laboratories have been enlarged. Not only are the academy laboratories greatly strengthened, but also sufficient apparatus has been added for college courses in science, which are now offered. Nothing is omitted that is necessary for doing the work outlined in our courses in a first-class manner.

Physical Laboratory

The physical laboratory occupies the entire west wing of the basement of the main building. There is a large laboratory for general physics, an apparatus room, and lecture room. The physical laboratory is furnished with heavy tables and wall supports and fitted up with water, gas and electricity.

Chemical Laboratory

The Chemical Laboratory has been moved from the basement of the main building to the room formerly occupied by the Library in the west wing of the main building.

Two new sixteen-foot tables of the latest design have been placed in the laboratory, together with a hood for general use. A Becker Balance and much new apparatus and chemical equipment has been installed. The laboratory is now thoroughly equipped for general and analytical work.

The Biological Laboratory

The biological laboratory is furnished with compound microscopes and all needful appliances, substantial tables for individual students, reagents, mounting material, alcoholic and dried specimens for study, etc. New appliances have been added from time to time to keep up with the needs of the department. Excellent courses are offered in Botany, Zoology and Physiology.

The Museum

The museum of natural history serves as a valuable accessory to the Department of Natural Sciences. This is conceded to be an unusually fine collection of its kind. Excellently mounted specimens of birds, animals, fishes, etc., are arranged artistically in glass cases so that they are open to inspection to both the public and the students. These collections are always accessible to students who desire to pursue special work.

New Students Entering College

Everything is made as pleasant as possible for students. Both the students and instructors make special efforts to assist new students to get accustomed to the ways and methods of the school.

Students not pursuing a regular course, may enter at any time, yet we advise them to start, if possible, at the opening of the school year in September. Students are strongly urged to select and to follow a well-arranged course. It is the aim to give students all they can do well.

With the large number of classes in each department, no student can fail to find work suited to his needs.

Those taking regular Academic or College subjects should begin with the year if possible. More courses are open for choice of work at that time. However a large number of courses begin at midyear.

Those reviewing or studying for county teachers' certificates, and those taking business training courses may enter any week. But every student is urged to plan, whenever possible, to attend full quarter, semester, or year courses.

Gifts and Bequests

For the convenience of anyone who may wish to make a gift to the college, the following form of bequest is suggested:

I give and bequeath to Ellsworth College, Iowa Falls, Iowa, the sum of \$....., or, the following real estate (Here give exact description of property), or, all my property of whatever description or wherever situated, or, all my property, except (Here give exact description of that which is excepted).

All wills and codicils to wills must be signed by the testator and declared by him in the presence of two witnesses to be his last will and testament. A statement of these facts shall follow the testator's signature and be dated and subscribed to by the witnesses in the presence of the testator and each other.

Expenses

Board at the College Dining Hall

Excellent table board is furnished at the rate of \$2.25 per week paid in advance; from Monday morning to Friday night, \$2.00 per week. The board bill is usually the largest part of school expenses, but at Ellsworth College it does not cost the student more to live than at home. All expenses are paid in advance.

Furnished Rooms, Light and Heat

The rate for rooms will vary as to location, and will range from 75 to 80 cents per week for each student, two rooming together. This will include electric light and steam heat. This is less than cost for the accommodations.

In the Ladies' Hall the rooms are large, well lighted and well ventilated. Each room has a large closet for trunks and clothing, and is furnished with bedstead, mattress, springs, dresser, wash-stand, study table, chairs and rockers. Students furnish their own towels, bed linen, pillows, and bed covers. Baths with hot and cold water are on each floor. The young women have the use of the laundry. A small fee is charged to

cover cost of gas and material used in laundry. The windows are provided with shades. The occupants furnish whatever they wish in the way of curtains, rugs and pictures. The greatest precaution is taken to preserve sanitary conditions. The young ladies take care of their own rooms, but the janitor cares for the halls and looks after the general condition of the building.

The regulations are simple and reasonable, just such as should prevail in any good and well-regulated home. Our young women have gladly and cheerfully conformed to these because they have recognized that all our plans are for their best interest.

Rooms should be engaged in advance; the demand will be large this season. Two dollars must be sent in advance if the student wishes to engage a room before entering school. This will apply on room rental, but is not returned on any account.

In the Young Men's Hall most of the rooms are in suites. The rules for furnishing are the same as for the young ladies. The price of rooms is the same and includes electric light and steam heat. The Hall is conducted as a private home, and is a good home for young men. It is in charge of a resident member of the faculty.

Tuition

The tuition rate is kept low to encourage the attendance of every young man, and every young woman who desire to make the most of life and its opportunities.

Detailed Statement of Expenses

	Quarter	Semester	College year of 36 wks
College Tuition	\$12.50	\$23.75	\$46.00
Academy and Normal Tuition	9.50	17.75	35.00
School of Commerce Tuition	12.00	23.75	46.00
Shorthand and Typewriting Tuition	13.00	25.75	48.00
Commercial Shorthand and Typewriting Courses Combined	16.50	31.75	60.00
Typewriting Tuition Alone	6.00	10.00	18.00
Enrollment, Athletic and Library Fees	2.50	4.25	7.00

Note—A fee of \$5.00 is charged for the office practice course. This includes use of adding machines, letter press, etc.

Laboratory Fees

	Quarter	Semester	College year of 36 wks
Physics I	\$2.50	\$4.25	\$8.00
Physics II.....	3.00	5.50	10.00
Chemistry I A.....	2.50	4.00	7.50
Chemistry I C.....	3.00	5.50	10.00
Chemistry II C.....	3.50	6.50	12.00
Zoology..	2.50	4.50	8.00
Botany.....	2.50	4.50	8.00
Morphology.....	2.50	4.50	8.00
Elementary Botany.....	1.50	2.00	

A deposit of \$2.00 each semester is required of each student entering a laboratory course. At the end of the course deductions will be made for breakage, and the remainder will be returned.

Conservatory of Music

The following term-scale of prices is for a quarter of nine (9) weeks.

	Per Term
Piano, or voice, two lessons per week.....	\$13.50
Harmony, two class lessons per week	4.50
Musical History, two class lessons per week.....	4.50
Ear Training	3.50
Violin or Viola one lesson per week	6.75
Violin or Viola two lessons per week	13.50

Pianos are rented for practice purposes.

One hour per day, per quarter.....	\$ 2.00
Two hours per day, per quarter.....	3.75
Three hours per day, per quarter	5.50
Four hours per day, per quarter	7.00

Diplomas and Certificates

Diploma fee, Academy, Normal, Conservatory of Music and School of Commerce	\$ 3.00
Certificate fees.....	1.00
Diploma fee for A. B., Ph. B., B. S	5.00
Diploma fee for A. M	10.00

General Remarks on Expenses

Tuition will not be refunded, but in case of protracted illness of the student, or for other valid reasons, an extension certificate, good at any time within two years from date, will be issued.

No deduction in tuition will be made if a student misses the first two or last two weeks of a quarter.

No extension of tuition certificate will be made for less time than three continuous weeks of absence, and not then except in cases of protracted sickness, or for other valid reasons.

No student will be admitted to classes until satisfactory arrangements are completed.

The tuition rate by the month will be 20 per cent more than by the quarter.

The College

Requirements for Admission

General requirements: All students for admission must present upon entrance satisfactory evidence of good moral character. Graduates of approved high schools or academies are admitted to college standing without examination. If a student is deficient in this amount of training, he may enter on certain conditions, i. e., that certain requirements be made up; or such candidate may enter one of the classes of the academy. Every student who wishes advanced standing, or desires to enter without examination, must bring a certificate from the school which he last attended, showing in detail the amount of the work done in each subject.

This certificate should be presented not later than the time the candidate applies for registration; if such certificate be sent in advance, a statement will be returned indicating the standing that will be allowed the student.

Detailed Statement of Admission Subjects

Fifteen (15) units of work, or the college entrance standard, are required for entrance to the College. This is the same as thirty (30) semester credits. A unit corresponds to a course of study covering not less than one hundred and fifty (150) hours of prepared work, or, if semester credits are considered, a credit corresponds to seventy-five (75) hours of prepared work. Two hours of laboratory work are regarded as the equivalent of an hour of prepared work.

In Ellsworth College, the greater part of the units of work are definitely prescribed; others are elective, under the conditions stated below.

Required of all Students, Eight and a Half Units

Foreign Languages.....	2 units	Algebra.....	1½ units
English.....	3 units	Plane Geometry.....	1 unit
History	1 unit	Elective	6½ units

Six and one half units may be elected from the following subjects:

Electives

The following is a list of elective subjects for which entrance credit may be allowed as indicated:

1. Foreign language (not more than a total of 4 units in any one foreign language, including the required 2 units).

- (1) Greek 2 to 4 units
- (2) Latin 2 to 4 units
- (3) French 2 to 4 units
- (4) Spanish..... 2 to 4 units
- (5) German..... 2 to 4 units

2. English (additional to the required 3 units).

- (1) Not more than 1 unit; or a total of not more than 4 units, including the required 3 units.

3. History, civics and economics (not more than a total of 4 units in this group, including the required unit, and not more than the maximum credit here indicated in each case).

- (1) Ancient history $\frac{1}{2}$ to 1 unit
- (2) Mediaeval and modern history..... $\frac{1}{2}$ to 1 unit
- (3) U. S. history (only if taken within the latter half of the high school course)..... $\frac{1}{2}$ to 1 unit
- (4) English History..... $\frac{1}{2}$ to 1 unit
- (5) General history (but not in addition to ancient, mediaeval and modern history) 1 unit
- (6) Civil government $\frac{1}{2}$ to 1 unit
- (7) Political economy..... $\frac{1}{2}$ unit

4. Mathematics:

- (1) Solid geometry $\frac{1}{2}$ unit
- (2) Plane trigonometry..... $\frac{1}{2}$ unit
- (3) Advanced algebra..... $\frac{1}{2}$ unit

5. Science (not more than a total of $4\frac{1}{2}$ units in this group).

- (1) Physics, not less than 1 unit
- (2) Chemistry, not less than..... 1 unit
- (3) Physical geography or physiography $\frac{1}{2}$ to 1 unit
- (4) Botany $\frac{1}{2}$ to 1 unit

- (5) Zoology..... $\frac{1}{2}$ to 1 unit
- (6) Physiology..... $\frac{1}{2}$ unit
- (7) Geology..... $\frac{1}{2}$ unit
- (8) Astronomy..... $\frac{1}{2}$ unit
- (9) Agriculture..... $\frac{1}{2}$ to 1 unit

6. Commercial subjects (not more than a total of 2 units in this group).

- (1) Advanced arithmetic (only if taken after the completion of the required $1\frac{1}{2}$ units in algebra or in the latter half of the high school course, ... $\frac{1}{2}$ unit
- (2) Double entry bookkeeping..... $\frac{1}{2}$ to 1 unit
- (3) Commercial geography..... $\frac{1}{2}$ unit
- (4) Commercial law..... $\frac{1}{2}$ unit
- (5) Industrial history..... $\frac{1}{2}$ unit

7. Industrial Subjects (consisting in subjects in which there should be required for $\frac{1}{2}$ entrance unit either 36 weeks of daily class exercises, each class exercise being not less than 40 minutes in length; or, still better, 18 weeks of daily class exercises, each class exercise being not less than 80 minutes in length).

- (1) Freehand or mechanical drawing..... $\frac{1}{2}$ to 1 unit
- (2) Manual training, i. e. shop work..... $\frac{1}{2}$ to 1 unit
- (3) Domestic science..... $\frac{1}{2}$ to 1 unit
- (4) Stenography..... $\frac{1}{2}$ to 1 unit

(Not more than a total of 2 units in this group).

Note: Credit is not given upon the passing of the regular entrance examinations, for English grammar, and United States history, when these subjects are given in the 9th grade; nor for arithmetic when this subject is given before the *completion* of the required 3 semesters of work in algebra, or in the latter half of the course.

8. First grade uniform county certificate. Entrance credit may be allowed for the first grade uniform county certificate in subjects marked 85 or above, as follows:

- | | |
|---|---------------------------------------|
| (1) Arithmetic..... $\frac{1}{2}$ unit | (5) Civics..... $\frac{1}{2}$ unit |
| (2) U. S. History..... $\frac{1}{2}$ unit | (6) Economics..... $\frac{1}{2}$ unit |
| (3) Physiology..... $\frac{1}{2}$ unit | (7) Algebra..... 1 unit |
| (4) Grammar..... $\frac{1}{2}$ unit. | |

College Work For Entrance to Professional Schools

Many schools of Law, Dentistry, Medicine, Engineering, etc., now require from one to four years of college work for entrance. No one should take a professional course before receiving a bachelor's degree from some good college. This requires a little longer time for getting ready, but experience has fully shown the wisdom of this course.

Ellsworth College provides well for those who wish to do college work before entering upon professional courses. To meet the requirements of the pre-medical work, as required by all Medical Colleges, the following two years' work has been carefully planned.

First Year

Each Semester

German or French*.....	3 hours
Physics*	3 hours
Elective.....	9 hours
Total	15 hours

Second Year

Each Semester

Chemistry*.....	5 hours
Animal Biology*.....	3 hours
Elective.....	7 hours
Total	15 hours

*Minimum requirement.

Other professional preparatory courses will be arranged to suit the requirements of professional schools and colleges.

Group System

The adoption of the group system will assist students in selecting and correlating their courses of study. Each group has 120 hours of work, or the required amount for graduation from the college.

Plan of Grouping

A student must complete a Major and four Minors.

1. A major is not less than 18 hours in one department.
2. A minor is not less than 12 hours in one department.
3. At least one of the five, (major or four minors) must be in each of the following groups.

I English, French, German, Greek, Latin, Rhetoric and Public Speaking.

II Animal Biology, Astronomy, Botany, Chemistry, Geology and Mineralogy, Physics.

III Economics and Political Science, History, Mathematics, Philosophy and Psychology, Sociology and Anthropology, Education.

Each student shall choose his major subject before the end of his sophomore year, and report the same to the committee on registration, classification and schedule, to be made a matter of permanent record.

The student shall choose under the direction of the department in which his major lies, a sufficient amount of work, to make with his major a total of 48 credits in that group, the additional subjects being such as to reinforce the major.

Representative Groups

The groups on the following pages are only suggestive. Other groups may be planned in harmony with the above rules under the direction of the head of the department in which the major is taken.

Major in Group I. A. B. Degree.

1.			2.			3.		
I	{	English.....18	I	{	Latin.....18	I	{	German.....18
		English.....8			German or French.....12			German.....12
		French or German.....12			English.....8			French or Latin.....12
		Public Speaking.....8			Greek.....10			English.....8
II	{	Rhetoric.....2	II	{	Botany or Physics.....12	II	{	Animal Biology or
		Chemistry.....12			History or Mathemat-ics or Philosophy and Psychology.....12			Botany.....12
III	{	History or Philoso-phy and Psychology.....12	III	{	Minor Elective.....12	III	{	Mathematics or
		Free Elective.....36			Free Elective.....36			Philosophy and Psychology.....12
Total.....120			Total.....120			Total.....120		
4.			5.			6.		
I	{	English.....18	I	{	Latin.....18	I	{	German.....18
		English.....10			English.....12			French.....12
		German or French.....12			French or German.....12			English.....12
		Public Speaking.....8			Public Speaking.....6			German or Greek.....6
II	{	Animal Biology or Botany.....12	II	{	Botany or Physics.....12	II	{	Physics or Chem-istry.....12
		History or Philosophy and Psychology.....12			History or Mathemat-ics or Philosophy and Psychology.....12			Mathematics or His-tory or Economics and Political Science.....12
III	{	Minor Elective.....12	III	{	Free Elective.....48	III	{	Free Elective.....48
		Free Elective.....36			Free Elective.....48			Free Elective.....48
Total.....120			Total.....120			Total.....120		

Major in Group II. A. B. or B. S. Degree

1.			2.			3.		
II	{	Animal Biology.....18	II	{	Botany.....18	II	{	Chemistry.....18
		Botany.....10			Animal Biology.....12			Physics.....12
		Chemistry.....12			Chemistry.....12			Animal Biology.....12
		Geology.....6			Geology.....6			Geology.....6
I	{	Astronomy.....3	I	{	English.....12	I	{	English.....12
		English.....12			History or Philosophy and Psychology.....12			Mathematics.....12
III	{	Minor Elective.....12	III	{	Free Elective.....48	III	{	Free Elective.....48
		Free Elective.....35			Free Elective.....48			Free Elective.....48
Total.....120			Total.....120			Total.....120		
4.			5.			6.		
II	{	Animal Biology.....18	II	{	Botany.....18	II	{	Chemistry.....18
		Botany.....12			Animal Biology.....12			Physics.....12
		Chemistry.....12			Chemistry.....10			Animal Biology.....10
		Geology.....6			Physics.....8			Geology.....6
I	{	Latin or German.....12	I	{	Latin or German.....12	I	{	Astronomy.....3
		History or Economics or Philosophy and Psychology.....12			Philosophy and Psy-chology or Education.....12			English.....12
III	{	English.....8	III	{	English.....8	III	{	Mathematics.....12
		Free Elective.....40			Minor Elective.....12			Minor Elective.....12
Total.....120			Total.....120			Total.....120		

Major in Group III. A. B. or Ph. B. Degree

1.		
III	{ History 18 Philosophy and Psychology 12 Education 12 Economics or Sociology 6	
I	{ English 12	
II	{ Animal Biology or Chemistry 12	
	Free Elective 48	
	Total 120	
2.		
III	{ Mathematics 18 History 12 Philosophy and Psychology 12 Economics or Education 6	
I	{ English 12	
II	{ Physics or Chemistry 12	
	Free Elective 48	
	Total 120	
3.		
III	{ Economics and Political Science 18 History 12 Philosophy and Psychology 12 Mathematics or Sociology 6	
I	{ English 12	
II	{ Animal Biology or Chemistry 12	
	Free Elective 48	
	Total 120	
4.		
III	{ History 18 Philosophy and Psychology 12 Education 12 Economics or Sociology 6	
I	{ Latin or German 12	
II	{ Animal Biology or Chemistry 12	
	English 8	
	Free Elective 40	
	Total 120	
5.		
III	{ Mathematics 18 History 12 Philosophy and Psychology 12 Economics or Education 6	
I	{ Latin or German 12	
II	{ Physics or Chemistry 12	
	English 8	
	Free Elective 40	
	Total 120	
6.		
III	{ Economics and Political Science 18 History 12 Philosophy and Psychology 12 Mathematics or Sociology 6	
I	{ Latin or German 12	
II	{ Animal Biology or Chemistry 12	
	English 8	
	Free Elective 48	
	Total 120	
7.		
III	{ Philosophy and Psychology 18 History 12 Economics or Education 12 Sociology or Mathematics 6	
I	{ English 12	
II	{ Animal Biology or Chemistry 12	
	Free Elective 40	
	Total 120	
8.		
III	{ Education 18 History 12 Philosophy and Psychology 12 Sociology or Economics 6	
I	{ English 12	
II	{ Botany or Animal Biology 12	
	Free Elective 48	
	Total 120	
9.		
III	{ Philosophy and Psychology 18 Economics or Education 12 History or Sociology 12 Mathematics 6	
I	{ Public Speaking or German or Latin 12	
II	{ Botany or Chemistry 12	
	English 8	
	Free Elective 40	
	Total 120	

Conspectus of Courses

Courses open to Freshmen	1st Sem. 2d Sem.		Courses open to Sophomores	1st Sem. 2d Sem.	
	hrs	hrs		hrs	hrs
Argumentation and Debate.....	2		Analytic Geometry	5	
Bible (Old Testament)	2		Astronomy	3	
Bible (New Testament).....	2		Calculus.....	5	
Botany I	3	3	Chemistry II	3	
Chemistry I	5	5	Chemistry III	3	
College Algebra	3	3	Dramatic Art	2	
Commercial Law	3	3	English II (English Language)	2	
Economics (Advanced).....	3	3	English V (Am. Literature)	3	3
English I (Rhetoric).....	4	4	German IV.....	3	3
Elements of Economics	3		German V (Modern Drama)	3	3
Educational Psychology.....	3		German VI (Classical Drama) ..	3	3
French I	3	3	German VII (Commercial)	2	
French II	3	3	German VIII (Literature).....	2	
Geology I	3		History II (American)	2	2
German I	5	5	Interpretation	2	
German II	4	4	Latin II	2	2
German III.....	3	3	Municipal Government ..	2	
Greek I	3	3	Public Speaking	2	
Greek II	3	3	Physiology	2	
History of Education.....	3		Psychology.....	3	3
History I (Med. & Mod.).....	3	3	Physics II.....	3	3
History of Music.....	2	2	Surveying	2	
Harmony.....	2	2	Shakespeare and Drama	3	3
Latin I.....	3	3	Taxation and Finance.....	2	
Money and Banking	2		Vertebrate Morphology	3	3
Physics I.....	5	5			
Principles of Education	3		May elect subjects open to Freshmen.		
Sociology.....	2				
Solid Geometry.....	4				
Trigonometry	4				
Zoology I	3	3			

Conspectus of Courses—Continued

Courses open to Juniors	1st Sem. 2d Sem.		Courses open to Seniors	1st Sem. 2d Sem.	
	hrs	hrs		hrs	hrs
Animal Biology	3	3	American Constitutional His-		
Bible (Poetry)	2		tory		3
Bible (Prose)	2		English Constitutional History..	3	
Childhood and Adolescence ..	2		English IX (Comparative		
English Novel VII	2		Drama)	2	
Ethics	2		Ethics	2	
Experimental Pedagogy	2		Experimental Pedagogy	2	
History III (English)	2	2	History of Philosophy	3	
History of Philosophy	3		Latin V (Archaeology & Art)		
Logic	3		Logic	3	
Latin III (Comedy & Satire) ..	2	2	Laboratory Physiology	3	
Orators and Oratory	2		Latin IV	2	2
Platform and Pulpit	2		Problems of Philosophy	3	
Physics III	3	3	Psychology of Religion	2	
Psychology of Religion	2		Theoretical Pedagogy	2	
Problems of Philosophy	3		Vertebrate Embryology ..	3	3
Romantic Poetry	3				
The English Essay IV ..	2	2	May elect subjects open in preceding		
Tennyson and Browning X..	3	3	years.		
Theoretical Pedagogy	2				
May elect subjects open in preced-					
ing years.					

College Courses of Instruction

Bible and Religion

President Meyer, Professors Lewis and Harris

In this department the Bible is taught and not theories about the Bible. The instruction is undenominational and non-sectarian; no theories are exploited and no hobbies ridden. The Bible is studied as a "culture-history" and source book of modern life and expression, and as a masterpiece or library of history and universal moral teaching. The Young Men's and the Young Women's Christian Associations have long maintained classes in Bible and mission study. The college library has an ample number of new and modern books in biblical history, literature, and criticism.

Course I—Old Testament. Patriarch and Prophets.

Open to College students and others who are able to take the subject. The course will include a critical study of Old Testament history and biography, the geography and archaeology of the holy land; origin and significance of various books; the development of religion and especially of monotheism.

First semester.

Two hours.

Course II—New Testament. Jesus, Paul and the Early Church.

Open to college students and to others who are prepared for the subject. For the best results, Course I should be first taken. This course includes a critical study of New Testament history with some review of the history between the Testaments; the biographies of Jesus, Paul and the Apostles; the beginnings of the early church, the development of Christian ethics and doctrine.

Second semester.

Two hours.

Course III—Literature of the Bible. Open to Juniors.

(a) Poetry. This course affords a general survey of the poetry of the Bible, with especial attention to the Psalms, Proverbs and the Book of

Job. Enough consideration is given to the principles of Hebrew verse to give the student an appreciation of its technique.

First semester.

Two hours.

(b) Prose. This course has to do with the historical narrative, essay, oration, parable, etc. Specimens of prose composition are dealt with from rhetorical point of view.

Second semester.

Two hours.

Course IV--Psychology of Religion. Open to Juniors.

A study and interpretation of the religious consciousness of the race and the individual. A study is made of the emotional, intellectual and volitional elements of religious experience. The development and nature of the religious impulses and instincts will be discussed in relation to race, sex and age.

First semester.

Two hours.

Biological Sciences

Professor Jones

The Ellsworth College laboratories are fully equipped for carrying out the courses here offered—the apparatus and materials used being of the same type used in the better State schools of the middle west. The head of the department will be pleased to furnish prospective students with any information desired regarding enrollment in any of the following subjects.

Knowledge of drawing is **not** a prerequisite to any of the courses herein offered. Instruction in semi-diagrammatic perspective drawing is given with each of the introductory courses, by means of which far greater speed in representation is acquired, than is possible where normal drawing is employed.

Zoology

Course I--Invertebrate Zoology. Open to Freshmen.

(a) One hour lecture and two two-hour laboratory periods a week.

Lectures, recitations and laboratory. In this course a careful systematic study of the more elementary forms of animal life, constituting the great invertebrate division, is pursued by means of the laboratory method. Lectures on the fundamental principles involved in the rise of the animal kingdom, allied forms and economic importance of forms studied, supplement the work throughout the course.

First semester.

Three hours.

(b) **Continuation of Invertebrate and Introduction to Vertebrate Zoology.** Some of the Vertebrate forms are studied in detail as a conclusive to the first semester's work and an introduction to Course II.

Second semester.

Three hours.

Course II—Vertebrate Morphology. Open to Sophomores or to those who have had Course I. One hour lecture and two two-hour laboratory periods a week.

(a) Lectures, recitations and laboratory. Reading on allied forms. Comparative study of typical vertebrate forms from Urochordates to Mammals. Special attention is given to embryonic development.

First semester.

Three hours.

(b) **Continuation of Vertebrate Morphology.** Mammalian anatomy is emphasized, with lectures and special work on important biological principles and history.

Second semester.

Three hours.

Course III—Animal Histology. Open to Juniors or to those who have had Course II. One hour lecture and two two-hour laboratory periods.

(a) Lectures and laboratory. Study of special histological methods in the preparation of animal tissues for microscopic demonstration. A knowledge of the cell structure of the various organs and tissues of the body, in health and disease, will be acquired by means of practical laboratory work. Methods of fixation and staining for the more difficult cellular structure will receive attention.

First semester.

Three hours.

(b) Continuation of Histology and Microtechnique.

Second semester.

Three hours.

Course IV—Vertebrate Embryology. Open to Seniors and to those who have had Course II. One hour lecture and two two-hour laboratory periods.

(a) Lectures and laboratory. As an introduction, the development of a few forms of invertebrate eggs will be taken up, supplemented by a careful study of the typical cell—its finer histology and methods of division. General processes of metabolism are studied, as well as general and special vertebrate embryology as demonstrated in the development of typical vertebrate eggs. Special attention will be given to the development of the germ layers in the higher forms.

First semester.

Three hours.

(b) Continuation of Vertebrate Embryology.

Second semester.

Three hours.

Note—Course IV may be taken in the place of Course III as a junior elective, or as a senior subject.

Course IV will not be given the same year with Course III, but will alternate.

Botany

Course I—Morphology of the Algae and Fungi. Open to Freshmen. One hour lecture and two two-hour laboratory periods.

(a) Lectures and laboratory. A systematic knowledge of the evolution of the plant kingdom is acquired through a study of typical forms. The student is taken into a world of plant life, revealed by means of the compound microscope, by the aid of which the pools of stagnant water and scum of ponds come forth in the beauty of a world unknown to those who have not had the opportunity to pursue a course of this nature.

First semester.

Three hours.

(b) **Bryophytes and Pteridophytes and Introduction to Spermatophytes.**

Lectures and laboratory. Field observation and special trips make up a part of the work.

Second semester.

Three hours.

Physiology

Course I—Advanced Human Physiology. Open to Sophomores or to all who have had an elementary course in Physiology of good grade and have some knowledge of chemistry. Two hours a week.

A brief course in advanced human physiology, in which special attention is given to the circulatory, digestive and nervous systems.

Second semester.

Two hours.

Course II—Laboratory Physiology. Open to Seniors. Hours and credits arranged with the Head of the Department.

Chemistry

Professor Reynolds

Course I—Inorganic Chemistry. Open to Freshmen. Three hours lecture, and two two-hour laboratory periods each week.

(a) The course consists of lectures, recitations, and laboratory work, the aim being to familiarize the student with the fundamental principles and theories of the science of Chemistry. The common elements with their most important compounds and salts will receive careful attention. This course is designed as a basis for those who intend to do special work in Chemistry and also to prepare those who desire to teach the science in secondary schools.

First semester.

Five hours.

(b) A continuation of Course (a) with the exception that the lectures in this semester will consist of one hour lecture in General Chemistry and one hour lecture in the History of Chemistry each week. The lectures in the History of Chemistry are designed as an aid to an intelligent comprehension of the science of Chemistry.

Second semester.

Five hours.

Course II—Qualitative Analysis. Open to students who have completed Course I or its equivalent.

One hour lecture and four hours laboratory work each week. This course consists of Basic Analysis, in which the several groups are thoroughly investigated; Acid Analysis with special tests for acids, and Analysis of

Salts. This course is supplemented with a general review of Inorganic Chemistry given in the form of lectures by the instructor in charge.

First semester.

Three hours.

Course III—Quantitative Analysis. Open to students who have completed courses I and II.

Lectures and laboratory work. A thorough knowledge of the standard gravimetric and volumetric methods of analysis is required. The relation between facts and fundamental laws is shown. Analysis of complicated salts, commercial products, iron ores, sulphides, slags, fertilizers, phosphates, steel, bronze, clays, tintiferous ores, etc.

Second semester.

Three hours

Education

Professor Dagistan

The department of Education has a two-fold purpose: first, to present courses of general interest and cultural value to all students; and, second, to present courses of special value to those who are preparing for the work of teaching in grades, in high schools, and as principals and superintendents.

To get satisfactory results, courses should be taken in proper sequence. Course I is correlated with Course II; Course III with IV; and Course V with Course VI. If you think of teaching, commence your educational work early in your course.

Course I—Educational Psychology.

This is a general introductory teachers' course in psychology. The course, or its equivalent, is an essential prerequisite for all subsequent work in this department.

Emphasis is laid upon teachers' psychology and upon education as a preparation for rational living. Special attention is given to important mental facts as the teacher observes them in his own mind and in the minds of the people with whom he comes in contact. Application of these will be made to the daily work of teaching.

First semester.

Three hours.

Course II—Childhood and Adolescence. Open to Juniors.

A study of the problems relating to the child's experience. A study of the physical, mental, and moral nature of children; and the best means for the proper development and training of each. Questions of home, school, and society will be prominent. Children's interests and how to guide them; learning of law and order; children's fears; children's cruelty; children's plays and games; the value of child study to parents and teachers.

Prerequisite Course I, or equivalent.

Second semester.

Two hours.

Course III—History of Education. Open to Freshmen.

This course, or its equivalent, is an essential prerequisite to all subsequent courses in the department of education.

It embraces a study of primitive education, and of the educational systems of Oriental nations; Greek and Roman education; Christian Education; the Renaissance; the rise of the universities. Careful study of the more prominent educational reformers.

First semester.

Three hours.

Course IV—Principles of Education. Open to Freshmen.

In this course, education is viewed from the scientific and philosophical aspects. The nature of education is considered from the standpoint of psychology, neurology, biology, anthropology, and sociology. In the light of these, the characteristics of education, the subject, the instrument, the motive, and the condition of education are stated and discussed.

This course concerns itself chiefly with the educational process with some attention to varieties of education, the varying ideals, educational means, and educational values. Application of these principles is made to the planning of courses of study and to teaching.

Prerequisites to this course are Courses I and III, or their equivalents.

Second semester.

Three hours.

Course V—Theoretical Pedagogy. Open to Juniors.

This course discusses the fundamental principles and practical problems involved in school administration, teaching, and discipline. Special attention is given to the relation of the school to the individual, to the state, and to society. The relation of the teacher to the school, the pupil, and the community. The legal rights of pupils, patrons, teachers, and boards. Consists of recitations, reports and lectures.

Prerequisite Courses I, III, and IV, or their equivalents.

First semester.

Two hours.

Course VI—Experimental Pedagogy. Open to Juniors.

In this course, the practical side of school administration, discipline, and teaching will be emphasized. Each member of the class will be required to visit schools and classes, and to do a certain amount of actual teaching. Criteria for teachers. Lectures, reports, collateral reading.

Prerequisite Course V.

Second semester.

Two hours.

English

Professor Lewis

English Language

Course I—Rhetoric. Required of *all* Freshmen. Private consultations during the first semester.

(a) The work is devoted to a rapid review and practical application of the fundamentals of English composition, and to a somewhat detailed study of diction, sentence structure, and paragraph development as found in effective discourse. Daily, and fortnightly themes are required.

First semester.

Four hours.

(b) The work includes the study and application of the philosophy of style. Expository writing is emphasized. Daily, and weekly themes are required.

The work of the last quarter is devoted to a study of the principles and development of English poetry.

Second semester.

Four hours.

Course II—The English Language. Open to all who have had Course I or its equivalent.

The English language is developed from an historical and structural point of view. Attention is directed to vocabulary, grammar, English sounds, and evolutionary tendencies. Emphasis is laid on the relation of the growth of the language to the social, political, and religious history of the English speaking people.

Second semester.

Two hours.

English Literature

Course III—Shakespeare and the Drama. Open to Sophomores, and to those who have had Course I or its equivalent.

This course affords a comprehensive survey of the English drama to the close of the theatres in 1642. Lectures are given on (a) the relation of Shakespeare to the rise of the drama in England, (b) the relation of Shakespeare to his time and to his contemporaries, (c) the chronological development of Shakespeare as a dramatist.

(a) Comedy. In addition to a study of the Miracles and Moralities, the greater number of Shakespeare's comedies are read and discussed. Lectures are given on (a) the Elizabethan theatre, (b) evidence of chronological order of Shakespeare's plays. Reports are required fortnightly.

First semester.

Three hours.

(b) Tragedy. Four representative Shakespearean tragedies are read in class; in addition, as examination is made of the principles underlying tragedy. Contemporary plays are read and discussed. Reports are required.

Second semester.

Three hours.

Course IV—The English Essay. Open to those who have had Course I or its equivalent.

(a) An historical study is made of the essay from Bacon to Macaulay. The principles of the structure of the essay and its stylistic features are duly considered.

First semester

Two hours.

(b) Nineteenth Century Essay: Macaulay, Carlyle, Ruskin, Arnold, Newman, Pater, Harrison, and Stevenson are given attention. Reports are required.

Second semester

Two hours

Course V—American Literature. Open to Sophomores, and to those who have had Course I or its equivalent.

(a) Prose. The essay, the novel, and the short-story are considered. Attention is given to the literary movements in America, and to the types of literature which have been developed. Reports are required.

First semester.

Three hours.

(b) Poetry. A specific study of the poetry since 1800 is made. Poe, Whitman, Lanier, and Sill are given considerable attention. Reports are required.

Second semester.

Three hours.

Course VI—The Literature of the Bible. Open to Juniors.

(a) Poetry. The Psalms, the Proverbs, and the Books of Job are given especial attention. Enough consideration is given to the principles of Hebrew verse to enable the student to appreciate its technique.

First semester.

Two hours.

(b) Prose. The historical narrative, the essay, the oration, and the parable are dealt with as literature; masterpieces are analyzed from a rhetorical point of view.

Second semester.

Two hours.

Course VII—The English Novel. Open to Juniors.

Lectures are given on the historical and sociological aspects of English fiction from the Mediaeval romances to the present time. Especial attention is given to the novel of the nineteenth century: Scott, Dickens, Thackeray, George Eliot, Reade, Hardy, James, and Stevenson are read. A semester theme is required.

First semester.

Three hours.

Course VIII—Romantic Poetry. Open to Juniors.

Lectures are given on the philosophical, social, and political principles underlying the romantic movement in English poetry. A study is

made of Keats, Shelley, Wordsworth, Coleridge, Southey, and Scott. Reports are required.

First semester.

Three hours.

Course IX—Comparative Drama. Open to those who have had Course III or its equivalent.

Lectures are given on (a) the principles underlying dramatic literature, (b) the aspects of each nation's dramatic literature, (c) technique and philosophy of the "classical" and "romantic" drama. Comparative studies are made of Sophocles, Euripides, Eschylus, Aristophanes, Seneca, Shakespeare, Moliere, Calderon, Goethe, Goldsmith, Isben, Shaw, Rostand, Fitch, Swinburne, Tennyson, and Browning.

Second semester.

Two hours.

Course X—Tennyson and Browning. Open to Juniors.

(a) Tennyson. In addition to work on Mrs. Browning, the Rossetis, Arnold, Clough, Morris, Swinburne, and Austen, a somewhat detailed study is made of the major poems of Tennyson.

Lectures are given on the social, religious, scientific, educational, and political conditions of the age.

First semester

Three hours.

(b) Browning. Special work is done in Browning's Lyrics, and Dramatic Monologues; in addition intensive work is done in Rippa Passes and in The Ring and the Book.

Lectures are given on Browning's Philosophy, his probable obscurity, and on his relation to his age.

Second semester

Three hours.

French

Professor Harris

The course in French includes instruction in forms, syntax, pronunciation, reading and speaking. French is made the language of the class-room very early in the first year. It is made to the student a living language and an instrument of thought and expression. The methods used in the old-time Latin teaching are discarded, while a rigid drill in grammar is still insisted upon; mere translation is given a subordinate place. Students learn to read and understand simple French in less than

one year. In the second year several of the French classics are read, while grammar, syntax and oral French are continued.

Course I—First Year.

(a) Fraser and Squair's, or Chardenal's or Aldrich and Foster's French Grammar is used.

First semester.

Three hours.

(b) Elementary grammar completed. Reading of simple French stories, such as "La Dernière Class," or a play such as "Le Voyage de M. Perrichon."

Second semester.

Three hours.

Course II—Second Year.

(a) Reading, grammar, composition and conversation. Williamson's "Easy French Stories," Erckmann-Chatrian's "Le Conscrit de 1813"; Cameron's "Contes de Daudet"; Coppee's "Le Luthies Credemone" and "Le Tresor" (two plays); Zola's "La Debacle" or Hugo's "Les Misérables" (condensed school editions).

First semester.

Three hours.

(b) George Sand's "La Mare au Diable"; Musset's "Erois Comedies"; Maupassant's "Auit Contes Choisis"; Balzac's Cinq Scenes de la Comedie Humaine."

Second semester.

Three hours.

Geology

Professor Jones

Course I—Dynamic, Structural and Historical Geology.

Open to all students who have completed a satisfactory course in Physical Geography.

This is a course in elementary geology. Lectures, recitations and reading on the natural forces at work from the formation of the earth to its present form; rock and strata structure, and earth history are topics considered. Special attention will be given to economical deposits and the rise of animal and plant life.

First semester.

Three hours.

German

Professor Lyde Drummond Harris

Course I—First Year.

(a) Foundations of German studied from a beginner's book. Easy reading and conversation.

(b) Continuation of Course I.

Second semester.

Five hours.

Course II—Second Year.

(a) Easy modern dramas used as basis for conversation. Prose composition once a week. Critical study of grammar and practice in sight reading.

First semester.

Four hours.

(b) Good short stories in German used as basis for work. Composition and grammar continued. Conversation and oral German employed throughout this year.

Second semester.

Four hours.

Course III—Third Year.

(a) Study of poetical dramas. Conversation, composition and grammar continued.

First semester.

Three hours.

(b) Study of the German novel.

Second semester.

Three hours.

Course IV—Fourth Year.

(a) Critical study of Schiller, Freytag, and Goethe as dramatists. Classics from these authors read.

First semester.

Three hours.

(b) Study of Deutsche Reden (modern orations), The Faust, and Lessing's Nathan der Weise. German literature studied critically from a German text.

Second semester.

Three hours.

Course V—Modern German Drama.

(a) This will be open to those who have completed Courses I and II. The works of standard authors will be read. Dramas from Suder-

mann, Freytag, and any three other authors required. Social and political conditions of modern Germany considered.

First semester.

Three hours.

(b) Continuation of Course V.

Second semester.

Three hours.

Course VI—Drama of the Classical Period.

(a) Open to those who have completed Courses I, II, and III.

The works of Lessing, Schiller, and Goethe will be read. Lectures on the lives of these men and the literature of the period given.

First semester.

Three hours.

(b) Continuation of classical dramas.

Second semester.

Three hours.

Course VII—Commercial German. Open to those who have completed (a) in Course I.

This course prepares students for practical use of the German language in the business world.

First semester.

Two hours.

Course VIII—Contemporary Literature.

(a) Open to those who have had Courses I, II, III. Selections from Hauptman, Sudermann, Dahn, and Ibsen required.

Second semester.

Two hours.

Greek

Professor Harris

Greek is offered to all who are doing special work in classics, particularly in Latin, and to prospective teachers, ministers and literary men. The very aloofness of the Greek language from general life is one of its advantages. The large benefits to be derived from the study of Greek are the following: The bearing of the Greek vocabulary upon English; the bearing of Greek life and thought upon modern life; the disciplinary value of the study of a rich literary and philosophical language. At least two years of Latin should be taken as a preparation for Greek to secure the most satisfactory results.

Course I—First Year.

(a) This course includes the alphabet, vocabulary, forms, syntax and reading of elementary Greek as a general preparation for the reading of the Anabasis. White's "Beginner's Greek Book" is used.

First semester.

Three hours.

(b) The work of the first semester is continued and completed; one book of Xenophon's "Anabasis" is read. Prose composition and sight reading of elementary Greek.

Second semester.

Three hours.

Course II—Second Year.

(a) Xenophon's "Anabasis" books II—IV; prose composition, grammar, sight reading, History of Greece.

First semester.

Three hours.

(b) Homer's "Iliad" books I—IV, or "Odyssey" books I—IV
Homeric Life; Mythology.

Second semester.

Three hours.

History

Professor Rayhill

History is ordinarily studied with no other aim than to learn of past events and famous men. A small amount of observation will reveal the fact that history casts light upon the customs and institutions that we have at the present time. Students of every branch of knowledge are turning more seriously to the study of history than ever before, not so much for the sake of the past, but because it better enables them to understand the present. An effort will be made to introduce the student to the sympathetic study of the meaning of, history of the growth of political and historical institutions under which he lives, and of an understanding of present day problems. In all cases the training of the student for citizenship will be constantly kept in mind.

Course I—Mediaeval and Modern History. Open to Freshmen.

(a) **Mediaeval History.** This course takes up the study of European History at the time of the Barbarian Invasions, and continues through the

development of the church and the Papacy, the Feudal Regime, the Crusades, the Progress of Commerce, the Hundred Years War and the Renaissance. Special emphasis is given to the growth of great institutions of the Middle Ages, and the movements they inspired. Text-book, lectures, and reference work.

First semester.

Three hours.

(b) **Modern History.** This is a continuation of Course I (a) and takes up the study of the Reformation, the Religious Wars, the Revolutionary and Napoleonic era, the Democratic and National movements of the nineteenth century, and the establishment of the Great Nations of Europe. This course is based on a text, and is supplemented by lectures, and reports from assigned readings.

Second semester.

Three hours.

Course II American History—Open to Sophomores.

(a) This course deals with the early history of the country, beginning with the discoveries and extends to the formation of the union in 1789. The nature and objects of the colonies, the character and aim of the Colonists, the political and social development, and the causes of the Revolution are the main topics. Text-books, lectures, discussions, and reference work.

First semester.

Two hours.

(b) Continuation of Course II (a). This course is designed to treat of the growth of the great American institutions, the development of the nation, the advance of the country among the world powers, the growth of state and national governments, the division and reunion, and the late national developments. Especial attention is given to the foreign relations, and their affect on the political world. Text-book, lectures, discussions and reference work.

Second semester.

Two hours.

Course III English History—Open to Juniors.

(a) This course includes a study of the social and political history of England, from the beginning to 1603. The chief topics are Early England, the influence of invasions, the Normans, the Plantagenet and Tudor Kings, the effect of Feudalism, the Political Reaction, and the Political relations. Texts, discussions, and reference work.

First semester.

Two hours.

(b) A continuation of Course III (a), taking up the struggle between the Kings and Parliament, the Commonwealth, the Divine Right, the internal growth, and the final power gained by the people in the Reform Bills. The history of England is studied with reference to the introduction of the student to the present institutions in his own country which were fostered in this period. Texts, reference work.

Second semester.

Two hours.

Course IV—English Constitutional History. Open to Juniors.

The object of a Constitutional study is to indicate the prevailing elements of government in its growth and development. The English Government is contrasted with that of the United States, and comparisons are made between the forms, showing the distribution of power, and the balancing of the duties of all departments and the development of the cabinet system. A foundation is laid for the study of the constitution of the United States. References are made to great English and American authors, which are supplemented by lectures and text-book work.

First semester.

Three hours.

Course V—United States Constitutional History. Open to Juniors.

The object of this course is to trace the rise and development of local institutions, the development of National Unity, and the balancing of state and national powers. The organization and growth of the political parties and their relation to the Federal Government are made objects of special attention.

Second semester.

Three hours.

Latin

Professor Harris

In the work in Latin in the college, while the study of the grammatical structure is not neglected, attention is given chiefly to the thought and subject matter, and to the characteristics of style. It is constantly borne in mind that among the benefits to be derived from the reading of the classical Latin authors are these: An acquaintance with the public and private life of the Romans, an understanding of the influence of

Roman literature and Roman law upon the civilization of the world, a familiar knowledge of the indebtedness of the English language to the Latin, and the cultivation of scholarly tastes through an appreciation and enjoyment of the literary treasures preserved in the Latin language, treasures that are not made less valuable by the possession of like treasures in our own tongue.

Sight reading and oral and written exercises in prose composition form a part of the regular work. In place of the authors named in the courses of study others may be substituted in different years.

Course I—Livy. Open to Freshmen.

(a) Books XXI and XXII are read. Sight reading in books I and II. Lectures and assigned readings on the Topography and Monuments of Ancient Rome. Prose composition. Sight reading.

First semester.

Three hours.

(b) **Cicero.** Open to Freshmen.

Cicero's "De Amicitia" and "De Senectute" are read. Lectures and assigned readings on Roman Private Life. Prose composition. Sight reading.

Second semester.

Three hours.

Course II—Tacitus. Open to Sophomores.

(a) The Germania and Agricola of Tacitus are read. Lectures and assigned readings in the History of Rome in the first century A. D., and in the History of Roman Literature.

First semester.

Two hours.

(b) **Horace.** Open to Sophomores.

A thorough study is made of all the works of Horace in representative Odes, Epodes, Satires, and Epistles. Roman life in the golden age of Latin Literature, Mythology, and Monuments.

Second semester.

Two hours.

Course III—Roman Comedy.

(a) Two or more plays of Plautus and Terence. Lectures and assigned readings in the development of Roman Comedy.

First semester.

Two hours.

(b) Roman Satire.

Representative Satires of Juvenal, Persius, and Horace. Lectures and assigned readings in Roman Satire and Roman Life.

Second semester.

Two hours.

Course IV—Roman Philosophy.

(a) Cicero's Tusculan Disputations Lucretius; selections from De Rerum Natura. Lectures and assigned readings.

First semester.

Two hours.

(b) Letters of Pliny and Cicero.

Select letters will be read and studied.

Second semester.

Two hours.

Course V—Roman Archaeology and Graeco-Roman Art.

Lectures and assigned readings. The stereopticon will be used to illustrate the work. This course may be taken without a knowledge of Latin.

Mathematics

Professor Rayhill

Course I—Solid and Spherical Geometry. Open to Freshmen.

The object of this course is to acquaint the student with solids, and to develop an appreciation for the third dimension. Lines and planes in space; fundamental properties of cylinders; cones and spheres; and spherical triangles are studied. The work includes the demonstration of theorems, original exercises, and the solution of practical problems. Prerequisite, Plane Geometry.

First semester.

Four hours.

Course II—Plane and Spherical Trigonometry. Open to Freshmen.

The work in Trigonometry consists of a careful study of Trigonometrical ratios and formulæ; solution of triangles by natural and logarithmic methods; goniometry, De Moivre's Theorem, and the expansion of Trigonometric functions. In Spherical Trigonometry the work is confined to the development of formulæ necessary for the solution of right and

oblique spherical triangles, with practical applications.

Second semester.

Four hours.

Course III—College Algebra. Open to Freshmen.

(a) A critical review of the fundamental principles of Algebra is taken up, after which, the following topics are studied; graphs, quadratic equations, the binomial theorem, and logarithms.

First semester.

Three hours.

(b) The work of the second semester is a continuation of the first semester's work and will include permutations and combinations, series, indeterminate equations, determinants, theory of equations, incommensurable roots, continued fractions, Horner's Methods, and Sturm's Theorem.

Second semester.

Three hours.

Course IV—Analytic Geometry. Open to Sophomores.

The equations of the point, straight lines, circle, ellipse, parabola, and hyperbola are developed and their properties investigated by means of rectilinear and polar co-ordinates. Loci of the first and second order and some higher plane curves are studied. Students are required to form original equations and plot them by the graphic method. A brief study is also made of Solid Analytic Geometry in which the properties of the third dimension are demonstrated.

First semester.

Five hours.

Course V—Calculus. Open to Sophomores.

Differential Calculus. This course covers a complete study of algebraic and transcendental functions; differentiation of algebraic, logarithmic, exponential, trigonometric and inverse trigonometric functions; expansions of functions by Maclaurin's Theorem, and by Taylor's Theorem; indeterminate forms, partial differentiation, maximum and minimum of one and two variables. Some work is required in envelopes, the osculating circle and the higher curves.

Integral Calculus. Elementary integrals, rational fractions; integration by rationalization, substitution, parts, and successive reduction, trigonometric integrals, integration as a summation, successive and double integration are carefully studied, and the essential principles of these are applied to plane curves, surfaces of revolution, various volumes, and the moment of inertia.

Calculus is probably one of the most practical branches of Mathematics and special emphasis is given to the solution and explanation of original problems. This course is calculated to prepare the student for the solution of problems in Mechanics, Engineering, and Physics.

Second semester.

Five hours.

Course VI—Astronomy. Open to all who have had Trigonometry.

This is a course in General Astronomy and is calculated to cover the field leading to Practical Astronomy. The motions, orbits, phases and special features of the planets and their satellites, the sun, comets, meteors and stars are studied. Formulæ for the computation of velocity, attraction of gravity, and density are derived. Methods for the computation of latitude, longitude, sidereal and solar time are carefully explained. A portion of the time will be used for demonstrating the use of various astronomical instruments.

Second semester.

Three hours.

Course VII—Surveying. Open to those who have had Trigonometry.

The first part of the semester will be used to acquaint the student with the proper use and care of the instruments. Students will be required to learn how to adjust the reticle, set off angles, and regulate the line of collimation, etc., of the Y-level and transit before the field work begins. The field work will consist of two two-hour periods and the following are some of the subjects that will be treated; ditching, drainage, farm surveying, city engineering, tunneling and railroad engineering. Students will be required to keep field notes and plot all surveys made.

Second semester.

Two hours.

Music

Professor Bullock

Course I—Harmony.

(a) Musical notation, keys, scales and signatures, intervals, formation of the triad, chord connection. Simple part-writing from given basses and sopranos. Inversion of the triad, and special progressions. Chords of

the seventh, and their inversions, with exercises in harmonizing sopranos and basses in open as well as close position. Chromatic changes.

First semester.

Two hours.

(b) Augmented sixths, modulations, suspensions, exercises in full score, retardation, appoggiatura, anticipation and passing tone. Practical work at the piano during this semester is required of all students.

Second semester.

Two hours.

(c) Harmonizing melodies which modulate, no figuring being given, harmonizing given altos and tenors, original exercises, double chants, chorals, original hymn writing, and exercises from Bach's figured chorals.

First semester.

Two hours.

Course II—History of Music.

(a) The course will consist of the study of music among the ancients, early Christian music, the cultivation of polyphony by the French and Netherlands schools and its culmination in the work of Palestrina. The beginning of monody, the opera in Italy, France and Germany, and the oratorio.

First semester.

Two hours.

(b) Especial attention will be given to the great German masters and the development of musical form as illustrated in their sonates and symphonies. The work of the romanticists will also be dwelt upon, and modern tendencies, as illustrated in the work of recent composers, will be discussed. The work will be given by means of lectures, accompanied by papers from the students on assigned topics, outlines, and required reading out of class.

Second semester.

Two hours.

Course III—Ear Training.

(a) Exercises based upon the diatonic major scale, notation, studies in rhythm, motives, phases selected from the works of the great composers, the minor scale, exercises in the minor mode, chromatic progressions, modulation, the period, intervals, the two-part phase, and many short two-part exercises.

First semester.

(b) The triad, many short three-part exercises. Chords in the

major mode in four-part music, inversions, passing tones, suspensions. Chords in the minor mode, modulation into nearly related keys, imitation.

Second semester.

Course IV—Choral Singing.

Instruction in elementary notation and terminology. Practice in singing at sight from notes. Elementary instruction in the use of the voice, and exercises for developing the voice and training the ear.

One hour a week throughout the year.

Course V—Public School Music.

The theory and practice of teaching music in the public schools, according to the systems in general use. Use of black-board and charts, notation, elementary harmony, part singing, development of the child's voice.

Throughout the year.

Course VI—Instrumental or Voice.

For those finishing the Course in Piano or Voice in the Conservatory of Music, eight hours College credit will be given.

Physics

Professor Reynolds

Course I—General Lectures, Recitation, and Laboratory Work. Open to all students who have completed Mathematics up to the Freshman year.

(a) This course is adapted to students who are desirous of a general knowledge of Physics. Physical Measurements, Force, Motion, Pressure, Molecular motions and forces, Thermometry, Mechanical Energy, and Heat Energy, are studied. Students record steps and results of experiments performed. These note books are carefully inspected. Lectures and recitations three times a week; Laboratory work two laboratory periods of two hours each week.

First semester.

Five hours.

(b) Continuation of Course I (a). Magnetism, Electricity, Sound,

and Light are studied.

Second semester.

Five hours.

Course II—Mechanics, Molecular Physics, and Heat. Open to all students who have completed Course I, College Algebra, Solid Geometry, and Trigonometry.

(a) The work of this course is mostly done in the laboratory, although lectures and recitations will be included as may be necessary. The primary object is to establish an immediate and vital connection between theory and experiment, thus aiding the student to grasp the principles as well as to acquire skill in manipulation; to master thoroughly a few of the fundamental principles, rather than to obtain a superficial notion of a large mass of facts.

First semester.

Three hours.

(b) Continuation of Course II (a).

Second semester.

Three hours.

Course III—Electricity, Sound, and Light. Open to those who have had Courses I and II.

(a) About half the time in this course will be devoted to class discussions, lectures, table demonstrations, quizzes and problems, and the remainder to laboratory work. The method of treatment throughout is analytic rather than descriptive, although no knowledge beyond Trigonometry is presupposed.

First semester.

Three hours.

(b) Continuation of Course III (a).

Second semester.

Three hours.

Course III will be given in alternate years with Course II.

Political and Social Science

Professor Reynolds

Course I—Elements of Economics.

This course is designed as an introduction to economic study. It will be adapted to those who desire a general knowledge of the subject,

and at the same time serve as a basis for further study in special branches. A text book will form the basis of the work, which will be supplemented with lectures and research work in specially assigned subjects.

First semester.

Three hours.

Course II—Advanced Economics.

Open to those who have completed Course I or its equivalent.

This course will give an opportunity for a more extended study of the problems of economic thought. It will not be based upon any text but will involve a comparative study of the writings of modern authors. This course will be supplemented with lectures and discussions of present economic problems.

Second semester.

Three hours.

Course III—Municipal Government.

Open to those who have completed Course I or its equivalent.

An investigation of the historical development of city government and the characteristics which distinguish modern urban populations. Attention will be given to the city as an organ of government, and the problems which are presented by city life. This course will be given if a sufficient number of students desire it.

First semester.

Two hours.

Course IV—Money and Banking.

This course deals with the theory of money and a history of the various monetary systems. Special emphasis is laid upon the monetary history of the United States, the principles of credit and banking, and a history of our banking systems. The leading topics will be developed by lectures supplemented by assigned readings and reports.

Second semester.

Two hours.

Course V—Taxation and Finance.

Open to those who have completed Courses I and II.

A theoretical and historical study of the principles which should guide public taxation and expenditure. An analysis of the present conditions of local taxation in the United States, and a discussion of proposed reform.

First semester.

Two hours.

Course VI—Sociology. Open to Freshmen.

A study of the evolution of society from a state of savagery to modern democracy; and an investigation of the fundamental laws and principles which underlie the purposeful activities of society.

First semester.

Two hours.

Course VII—Commercial Law. Open to Freshmen.

A general study of the Law Merchant and Common Law; Agency; Bailments, including the obligations of Inn Keepers, and Common Carriers; Bankruptcy and Insolvency; Insurance; Negotiable Instruments; Partnerships; Joint Stock Companies; Corporations; Real and Personal Property.

Second semester.

Three hours.

Psychology and Philosophy

President Meyer

Course I—General Psychology. Open to Sophomores.

(a) This is an introductory course, and its purpose is to interpret the facts of psychology in their relation to education and personal culture. The mental processes are studied in their evolutionary development. Spontaneous, reflex, and instinctive activities by sense, experience, perception and the higher mental processes are considered. Angell's Psychology and Titchener's Psychology are the texts.

First semester.

Three hours.

(b) Continuation of Course I (a), and Genetic Psychology.

Second semester.

Three hours.

Course II—Psychology of Religion. Open to Juniors.

A study and interpretation of the religious consciousness of the race and the individual. A study is made of the emotional, intellectual and volitional elements of religious experience. The development and nature of the religious impulses and instincts are discussed in relation to race, sex and age.

First semester.

Two hours.

Course III—Ethics. Open to Juniors.

A study of the principles of moral judgment, with exposition and criticism of the great theories concerning the basis of the distinction be-

tween right and wrong conduct, and an attempt to apply these principles to the conditions of modern political and economic life. Text-books: Dewey and Tufts' Ethics and Royce's Philosophy of Loyalty. Prerequisite: Course I.

Second semester.

Two hours.

Course IV—History of Philosophy. Open to Juniors.

A foundation course in philosophy, from its beginning with the Greeks, to Leibniz and Hume, setting the crucial problem of Kant. Special attention is given to Plato and Aristotle, to Descartes, Spinoza and Leibniz, and to Locke, Berkeley and Hume. Weber's History of Philosophy is used as text-book, and some of the principal philosophical classics are read.

First semester.

Three hours.

Course V—History and Problems of Philosophy. Open to Juniors.

Special attention is given to Kant, Hegel, Schopenhauer, Spencer, and the present-day pragmatists. The course aims to bring the student into vital touch with present philosophical movements, and to lay the foundation for a personal constructive attitude. Royce's spirit of Modern Philosophy, Spencer's First Principles, and James' Will to Believe and Pragmatism are studied.

Second semester.

Three hours.

Course VI—Logic. Open to Juniors.

The elements of deductive and inductive logic are studied as an introduction to the general subject of philosophy. The subject is considered not only as a science, but also as an art. The purpose is to render the student familiar with logical principles, and to give such practice in detecting fallacies as will enable him to think correctly, and to recognize and refute fallacious arguments. Text book, Jevons or some other suitable text.

Second semester.

Three hours.

Public Speaking

Professor Dagistan

We seek to awaken in the student, whether he aims to be a creative thinker or an interpreter, a realization of his own powers, and to give such direction to his training that he may attain them. The courses in public

speaking are made intensely practical. This aim, however, does not conflict with the disciplinary and cultural ideals of education.

Experience proves the soundness of the following recommendations:

To get the best results, courses should be taken in proper sequence. Course I is correlated with Course II; Course III with Course IV, and V with VI.

Students expecting to compete in the inter-collegiate debates should take Courses I and II. Courses II, III and V should be taken by those who wish to enter declamatory and oratorical contests. Courses III and IV should be elected by those who aspire for parts in the annual college play. Courses I, II, III, V and VI will be of special value to students preparing for the ministry. Prospective teachers of English and Public Speaking will find it to their advantage to elect all seven courses.

Course I—Argumentation and Debate. Open to Freshmen.

Study and application of the principles of argumentation. Preparation of briefs. Leading questions of the day debated in class. Criticism.

This course is designed to develop readiness in extempore speaking, and the ability to construct and present debates. It is recommended especially to those who desire to enter the inter-collegiate debates during the second semester.

First semester.

Two hours.

Course II—Practical Public Speaking. Open to Freshmen.

Studies in public speaking and the delivery of short original speeches. Special study of various forms of public address from the masters. Topics are selected from history, literature, politics, current events, and personal experiences; and speeches are prepared for various occasions. Two orations required.

This course aims to give as much practice in self-expression as possible, and will be of special value to those who expect to enter the professions. Special preparation for I. C. O. A. contest. See E. C. O. A. announcement under "Student Organizations".

Prerequisite Course I, or its equivalent.

Second semester.

Two hours.

Course III—Interpretation. Open to Sophomores and to those who are prepared to take the work.

Critical analysis and oral interpretation of prose, poetic, and dramatic masterpieces. The reading aloud and the delivery of selections and scenes from the platform. Two declamations required.

The purpose of this course is to cultivate good, oral interpretation of literature. Recommended especially to those who expect to teach English Literature.

First semester.

Two hours.

Course IV—Dramatic Art. Open to Sophomores; and by special permission, to any others who are prepared to take the work to advantage.

Critical study of the drama, more especially from the standpoint of oral interpretation. Analysis of plot, character, and incident. Presentation of scenes from the representative plays of Shakespeare, Sheridan, and other dramatic writers. The same plays are used in alternate years, so as to enable students to secure additional credit in "Dramatic Art."

The development of the dramatic element and its place in education, together with its relation to character-building, are discussed; and plays are studied in their two-fold relation as dramatic art and as literature.

Prerequisite Course III, or its equivalent.

Second semester.

Two hours.

Course V—Orators and Oratory. Open to Juniors.

Study of the lives, work, and productions of representative orators with a view to discovering fundamental laws that govern effective speaking; and application of these laws to class and individual work.

Structure and qualities of a good discourse. Lectures on methods of public address and sources of power. Discussion and practical work will be made essential features of the course.

Alternates with Course I.

Prerequisite Course II, or equivalent.

First semester.

Two hours.

Course VI—Platform and Pulpit. Open to Juniors.

This is conducted as an advanced course; and treats of the more difficult problems in public speaking, such as, the philosophy of voice,

gesture, and expression; the psychology of public speaking, and kindred questions. The course will be of special value to prospective teachers, lawyers, and ministers, and to all those who look forward to public speaking as a profession.

Some of the special features of the course will be: The conduct of public meetings, together with parliamentary practice; criteria for public discourse; reports and criticism of public addresses; Bible, hymn, and prayer reading; outline and brief making; and the preparation and delivery of formal addresses of various types, such as, speeches, orations, sermons, and lectures.

This course alternates with Course II.

Prerequisites Courses II and III, or equivalents.

Second semester.

Two hours.

Course VII—Gesture and Voice.

The members of all the classes in public speaking meet at stated intervals for voice, physical culture and responsive drill. This is not work in "gymnastics", "pantomime", or what not; but bodily expression, or "expressive physical culture."

Our aim is to train the voice and body, by the use of appropriate exercises, so that they will respond spontaneously, forcefully and gracefully to the dictates of the mind and the highest sentiments of the soul.

Hours to be arranged.

Special Information

Credit is given for work done in the inter-scholastic debates, the I. C. O. A. orations, and in connection with the more important parts in the college play.

For further information concerning various contests in debate and oratory, see special E. C. O. A. announcement in this catalog, under the head of "Student Organizations."

In addition to the College instruction, an active interest in public speaking is fostered and maintained through the agency of voluntary association of students. The drill in class-room, rhetorical, the college play, public recitals, literary society work, and contests in declamation, oratory and debate supply varied and ample opportunities for the development of the powers of expression of every student.

The Academy

Advantages of Attending the Academy

There are many very important advantages that ought to be considered. Principal Horn, of the Grinnell Academy, in a recent article, has written so well on this phase of secondary educational work that we desire to reprint a part of his discussion. He speaks of the advantages of academic students being associated with college professors and college students.

"The educational atmosphere and the college outlook thus provided, in the midst of which the academy lives, is an incalculable benefit, and a benefit, too, which as time goes on will be more and more appreciated by those who have children to educate. As nearly as can be estimated, about sixty per cent of academic graduates pursue more advanced work, while about only thirty per cent of the graduates of the best high schools go on to higher work. The chances, therefore, that an academic student will go on and pursue lines of purely cultural work, are more than doubled."

For the present, classes of the preparatory courses recite in the same building with the Normal and College classes. The students are under the same government and have the use of the library and reading room, physical and chemical apparatus, collections in the museum, and are admitted to the literary societies. Students who cannot take a college course may find the preparatory courses such as will give them culture and a good preparation for life.

Entrance Requirement

For entrance to the Academy, students are required to have completed the work of the first eight grades of the common school. Certificates of graduation from the eighth grade will be accepted; while those who have not completed the full work may do so by taking preparatory work.

Scope of Work

The Academy gives full preparation for any American college or technical school. The academic course affords, also, a good practical

education for that large class of students who cannot continue in school long enough to complete a full college course.

Requirement for Graduation

For graduation from the Academy, 120 hours, or fifteen units of work are required.

Meaning of "Unit"

A unit of credit is 150 hours of prepared class work; a two hours period of laboratory work equals one hour of regular class work. A subject carried four days during thirty-six weeks may be taken as one unit of credit, provided that the recitation period be a full hour.

Academic Courses

The following subjects are required for graduation.

Foreign Languages ..	2 Units	Algebra	1½ Units
English	3 Units	Plane Geometry	1 Unit
History.....	1 Unit		

The six and one-half additional units are elective.

First Year

First Semester	Second Semester
*Algebra..... 4 hours credit	Algebra..... 4 hours credit
English I..... 5 hours credit	English I..... 5 hours credit
Agriculture..... 4 hours credit	Physiology..... 4 hours credit
Com. Geography 4 hours credit	Physical Geography.. 4 hours credit
Latin I..... 4 hours credit	Latin I..... 4 hours credit

Second Year

Algebra..... 4 hours credit	English II 4 hours credit
Ancient History 4 hours credit	Modern History 4 hours credit

English II	4 hours credit
Debating	2 hours credit
Expression	3 hours credit
Free Hand Drawing ..	2 hours credit
Latin II	4 hours credit

Arithmetic	4 hours credit
Expression	3 hours credit
Free Hand Drawing ..	2 hours credit
Latin II	4 hours credit

Third Year

English III	4 hours credit
Plane Geometry	4 hours credit
Economics	4 hours credit
Debating	2 hours credit
French I	3 hours credit
German I	4 hours credit
Latin III	4 hours credit

English III	4 hours credit
Plane Geometry	4 hours credit
Botany	4 hours credit
French I	3 hours credit
German I	4 hours credit
Latin III	4 hours credit

Fourth Year

Physics or Chem	5 hours credit
English IV	3 hours credit
Education	4 hours credit
French II	3 hours credit
German II	4 hours credit
Latin IV	4 hours credit
Solid Geometry	4 hours credit
United States History	4 hours credit

Physics or Chem.	5 hours credit
English IV	5 hours credit
Education	4 hours credit
French II	3 hours credit
German II	4 hours credit
Latin IV	4 hours credit
Trigonometry	4 hours credit
Civics	4 hours credit

*Subjects in black-faced type, and two years work in foreign languages are required; all others are elective.

Notes on Academic Courses

1. The maximum amount of work a student may take in the academy is eighteen hours; provided that the student may take additional work by special permission of the faculty.

2. The subjects must be taken up and pursued with due regard to proper sequence. For this purpose, work done in other schools will be accepted if found satisfactory.

3. The recitation period is sixty minutes.

4. Stenography and bookkeeping may be counted for one unit each.

Courses of Instruction

Chemistry

Course I—Elementary Chemistry.

The object of this course is to introduce the student to the Science of Chemistry and familiarize him with the greater number of chemical phenomena, important commercial and practical processes. Students are required to attend class three hours and to work in laboratory four hours each week. Students are required to record the steps and results of experiments performed; these notebooks properly indexed are subject to careful supervision.

One semester.

Four hours.

English

The work of the English Department of the Academy is arranged and conducted with three points in view: First, the aim is to offer to all students of the Academy practical courses in English which will prepare them for the active duties of life; in the second place, an opportunity is afforded to acquaint one's self with a complete survey of his mother tongue and its literature; and lastly, the work affords an adequate technical foundation for the advanced and broader work in the various departments of English in colleges and universities.

English I—Elementary Composition and English Classics. Required of first year students.

(a) The work is devoted to the practical study and application of constructive grammar and to elementary theme writing.

First semester

Five hours.

(b) A considerable amount of theme writing is done; proper paragraphing, punctuation, and the rhetorical principles are duly emphasized. Daily, and weekly themes are required.

Second semester.

Five hours.

In connection with Course I the following classics from the "college entrance requirements" are read: "The Rhyme of the Ancient Mariner," "Julius Cæsar," "The Vision of Sir Launfal," "Ivanhoe," "The Lady of the Lake," "The Merchant of Venice," "Silas Marner," "The Cotter's Saturday Night," "The Deserted Village."

English II—History of English and American Literature. Required of second year students.

(a) During the first semester an historical survey is made of English literature to the Victorian age. Reports are required.

First semester.

Four hours.

(b) During the second semester the Victorian age is considered and a survey of American literature is made. Reports are required.

Second semester.

Four hours.

In connection with the work of Course II the following classics from the "college entrance requirements" are read and studied: For reading, "Chaucer's Prolog," "Essay on Man," "Selections from Burns," "The Vicar of Wakefield," "David Copperfield," "Kenilworth," "Henry Esmond," "An Inland Voyage," "Tennyson's Minor Poems," "Selections from Browning." For study: "Macbeth," "Hamlet," "Milton's Minor Poems," "Macaulay's Essay on Samuel Johnson" or "Carlyle's Essay on Burns."

In American literature selections are read from the Colonial, and the Revolutionary writers; representative prose works are read from Irving, Emerson, Hawthorne, Holmes and Thoreau; representative poetry, from Poe, Bryant, Longfellow, Holmes, Whittier, Lowell, and Whitman.

English III—Composition and English Classics. Required of third year students.

(a) A thorough application of the principles of Composition is made. Diction, sentence structure, and paragraphing are emphasized.

First semester.

Four hours.

(b) The forms of discourse are considered and are illustrated by carefully prepared readings. Daily, and weekly themes are required.

Second semester.

Four hours.

In connection with the work of Course III the following classics from the list of "college entrance requirements" are studied: "Conciliation with America," "As You Like It," "Bunker Hill Oration," "Selections from the Bible."

Course IV—English Prose. Elective to fourth year students.

(a) Prose and Composition. An intensive study is made of the types of prose discourse. Prose masterpieces are analyzed from a rhetorical point of view. Expository writing is emphasized. Themes are required daily and fortnightly.

First semester.

Three hours.

(b) English Grammar. A thorough study is made of technical grammar. A study of clauses, participles, infinitives, connectives, and effective sentence structure is emphasized.

Second semester.

Three hours.

German

The two years in German aim to give the student a thorough and careful drill in German grammar; careful work in pronunciation, with the memorizing of easy selections of standard German poetry and easy colloquial sentences. Sight reading and dictation will be given each year.

Course I—First Year.

(a) A beginning book in German used for basis of the work. Fifty to seventy-five pages of easy German prose is studied in class. One hundred pages is read for general meaning. This is taken as a basis for German prose composition.

First semester.

Four hours.

(b) Continuation of Course I (a).

Second semester.

Four hours.

Course II—Second Year.

(a) Easy German prose and drama read in this year. Composition, conversation, and sight reading required throughout this year. A thorough review of grammar is included in this year's work.

First semester.

Four hours.

(b) Continuation of Course II (a).

Second semester.

Four hours.

History and Civics

History, being a study of civilized human races, is especially interesting and valuable to the student of high school and academic age. If properly interpreted, the study of history will give him a wide vision of the world, a deep interest in human activities, and a means of interpreting present day problems in the light of their historical beginnings. A text will be used in all cases. Outside reading, note books, and full class discussions will supplement the work.

Course I—Ancient History.

This course will be opened with a discussion of man as he was at the dawn of historical times, with some passing attention to the great groups of the human race. The beginnings of culture will be noted and the development of man's ideas will form a leading part of the work. Egypt, the Oriental nations, Greece and Rome will each be reviewed, not only for their own valuable history, but also the study of each nation's contribution to the civilization of modern nations will be discussed.

First semester.

Four hours.

Course II—Mediaeval and Modern History.

The course in ancient history prepares the student for the work in mediaeval history. Among the subjects especially treated will be the decline of the Roman Empire, the Teutonic migrations, the beginnings of modern nations, the church and its conflict, the Crusades and the institutional life and the intellectual condition of the people, the effect of the mediaeval centuries upon modern nations will also be noted.

Second semester.

Four hours.

Course III—United States History.

This course presupposes a knowledge of the main facts of United States History such as is secured by a thorough study of the subject in the grades. Especial attention will be paid to the growth of the country, the

development of political ideas and the economic and political questions which have influenced the people. Collateral reading and topic work is required.

First semester.

Four hours.

Course IV—Civics.

This course, paying special attention to the problems of the citizen, will follow the normal courses in American history, and the two will give the student considerable insight into the subject of the American government both from the standpoint of history and from that of politics and institutional life.

Second semester.

Four hours.

Latin

The work done in Latin continues throughout four years of the academic course. A thorough mastery of forms and of the general rules of syntax is insisted upon. The use of oral Latin and of sight reading are features of the course.

Course I—First Year.

(a) The text used for the early work is Bennett's First Lessons in Latin. After the completion of this, Cæsar is taken up. Prose composition is studied with Cæsar.

First semester.

Four hours.

(b) Continuation of Course I (a).

Second semester.

Four hours.

Course II—Second Year.

(a) Cæsar is continued and Cicero taken up. Portions of the fourth and fifth books of Cæsar are used for careful study, while the third book is used for sight reading. Altogether four books of Cæsar are read, with regular work in prose composition. Four orations of Cicero are read.

First semester.

Four hours.

(b) Continuation of Course II (a).

Second semester.

Four hours.

Course III—Third Year.

(a) Cicero is continued and selections from Ovid taken up. Regular work in prose composition is given. Three orations of Cicero are read, with a weekly exercise in prose composition. (If the Manilian Law be read, it may be counted as two orations).

First semester.

Four hours.

(b) Continuation of Course III (a).

Second semester.

Four hours.

Course IV—Fourth Year.

(a) Six books of Virgil's Aeneid are read. Special attention is paid to reading Latin. One hour a week throughout the year is given to prose composition and mythology.

First semester.

Four hours.

(b) Continuation of Course IV (a).

Second semester.

Four hours.

Mathematics

Course I—Elementary Algebra.

(a) The fundamental principles of algebra including linear equations, graphs, radicles, exponents, and factors are thoroughly studied and applied to the solution of problems in the various sciences.

First semester.

Fours hours.

(b) Continuation of Course I (a)—Taking up quadratics. A special study is made of the graphical representation of quadratic equations and conic sections, as well as all the special methods for their solution.

Second semester.

Four hours.

Course II—Algebra.

The object of this course is to review quadratics, and take up the study of such topics as progressions, the binomial theorem, coefficients, permutations and combinations, etc. Special effort will be made to prepare the student for the subject of college algebra.

First semester.

Four hours.

Course III—Higher Arithmetic.

This course is designed to follow Courses I and II in algebra. The fundamental principles of arithmetic are thoroughly reviewed, and their application to practical problems is emphasized.

Second semester.

Four hours.

Course IV—Plane Geometry.

(a) The fundamental definitions and axioms, propositions relating to lines, polygons and circles are studied, with original problems.

First semester.

Four hours.

(b) Continuation of Course IV (a), with special work in original problems, and the development of formulæ.

Second semester.

Four hours.

Course V—Solid Geometry.

(See statement of college courses).

First semester.

Four hours.

Course VI—Trigonometry.

(See statement of college courses.)

Second semester.

Four hours.

Natural Sciences

Open to students in the Academy, Business and Normal Department of Ellsworth College.

Course I—Physiography.

This course treats of the features of the earth with special reference to their origin and significance, the agencies affecting changes in the earth's surface, and the rapidity of the progress made by them.

Second semester.

Four hours.

Course II—Botany.

This course is designed especially to meet the needs of those in the Normal Department and those desiring this work to broaden their efficiency in the field of nature study. Special attention will be given to our common flowers, grasses and trees, and the principles of the herbarium.

Second semester.

Four hours.

Course III—Physiology. The subject, designated especially for teachers, is completed twice each year.

A student may enter at any time during the year, but to complete the course entrance must be made by the beginning of the second semester. Work begun later may be completed the following school year. An elementary study of the human body, embracing the more important facts and principles of Physiology, Anatomy and Hygiene.

Each semester.

Four hours.

Course IV—Agriculture.

An introductory course in this important subject, designed for teachers and business students. See Business Department for outline of work.

Second semester.

Four hours.

Course V—Elementary Physics.

(a) This is an introductory course to the general subject of physics. The aim is to familiarize the student with the laws governing the mechanics of solids and fluids, the nature of sound, light, heat, magnetism and electricity.

First semester.

Five hours.

(b) Continuation of Course V (a).

Second semester.

Five hours.

Course VI—Commercial Geography.

This course is conducted to meet the needs of students in the Normal and Commercial departments.

First semester.

Four hours.

Public Speaking

Course I—Debate.

(a) An elementary course in argumentation and debating, with minimum amount of theory and maximum amount of drill and practice. The aim of the course is to lead students to think vigorously and logically and to express themselves with clearness, force, and ease. All students of sub-collegiate rank, who wish to line up for the annual Inter-Academic Debate, should take this course.

First semester.

Two hours.

(b) This course is followed by the Inter-Academic Debate. Debaters who make the team are given credit for work done. For additional information, see E. C. O. A. announcement.

Second semester.

Two hours.

Expression and Dramatics

Course II—Expression.

(a) There will be a general class in Expression each quarter of the regular year. Any student who is a regularly enrolled member of the College, including the Academic, Normal, and Commercial departments, is entitled to this course.

To get satisfactory results, the work should be taken two *consecutive* semesters, because the second semester's work is based on what is done during the first semester.

In connection with the first semester's work, each member of the class commits and delivers two complete recitations. During the second semester, each one takes one or more important parts in scenes or play given by the class. In the course of the year, one or more public recitals are given by the class.

First semester.

Three hours.

(b)—Dramatics.

Continuation of Course (a) in "Expression."

Second semester.

Three hours.

Teachers' Training Work

Course I—Normal Psychology.

An elementary course in which a study is made of the relation of the body and the mind. The simple facts of the mind which are involved in attention, conduct, and habit will be studied. Right methods of study will be discussed, and the relation of these to learning and teaching emphasized.

First semester.

Four hours.

Course II—Didactics.

Designed for students of the academy who are preparing to teach. The aim is to show the true relation of pupil, teacher, and subject-matter; also to study methods of teaching the various branches. Model lessons and model outlines will be presented by the members of the class and criticised by both class and instructor. While an attempt will be made to base this work upon scientific theory, an endeavor is made to make as concrete application as possible to real teaching experience.

Second semester.

Four hours.

School of Education

The Purpose of the School of Education

The purpose of the School of Education is to prepare students for teaching; and, to this end, courses of instruction have been arranged to suit the needs of the various grades of students who are preparing to teach. The work of this school will satisfy the requirements of the new school law with reference to teachers' certificates. It has been found best, therefore, to divide the work of the School of Education into four divisions.

Division I

Entrance Requirements for Division I

Students desiring to enter this department should have a good general knowledge of the common school branches. This will enable them to do rapid and thorough work. Those who do not have enough training for this work may take preparatory classes.

Review Courses for County Certificates

All subjects for first grade, second grade and third grade teachers' county certificates will be given every quarter. This gives every possible encouragement for a large class of students who wish to prepare for teaching in the shortest possible time, and who, at the same time, desire to do this work under teachers of liberal education and successful experience.

Work for Teachers' County Certificates

Third grade, second grade, and first grade. The subjects required and the passing grades are as follows:

Passing Marks

The minimum passing marks in any subject are indicated in the following table, but the average in all subjects must be: For the first grade certificate, 85 per cent.; second grade certificate, 75 per cent.; third grade certificate, 65 per cent.

	1st grade	2d grade	3d grade
Orthography	75	70	60
Reading	75	70	60
Writing	75	70	60
Arithmetic	75	70	60
Geography	75	70	60
Grammar	75	70	60
History of U. S.	75	70	60
Didactics	75	70	60
El. Vocal Music	75	70	60
Physiology and Hygiene	75	70	60
Elementary Civics	75		
Elementary Algebra	75		
Elementary Economics	75		
Elementary Physics	75		

Class Work and Lectures in Above Subjects

There will be such class work and lectures, and such quizzes and tests that the clearest possible knowledge of each subject may be worked out for each student.

The work in each branch is planned to cover the entire subject as completely as it can be done in the time the student can give the subject. The difficult and the chiefly essential points are strongly emphasized. The work will prepare one to make high grades in examinations.

An Important Difference

Our normal review courses are very different from any that may be given in the common schools. Our professors have specialized in this work. They therefore know how to give the greatest number of helpful suggestions. Each one of the professors is limited to a few hours of teaching and meets each of his classes one full hour. Besides, much special personal help is given students from time to time. It is not uncommon to hear students remark that they have made more progress in a few weeks'

work here than in an entire year before. And this, in no way, reflects upon former teachers or schools. They have to deal with different conditions, and because of this fact, they cannot properly carry on this special work.

Division II

In this division the four-year course is for students who have finished the country school or the grades below the high school. Students who have first grade teachers' county certificates, or scholarship of this grade, may omit the first year of this course.

Normal Training for Those Who Are Completing Academic Course

Most of the work of this course is of academic grade and prepares for entrance to college and at the same time enables the student to secure the five-year teachers' state certificate without examination when the course is completed. This course has been accredited by the State Board of Educational Examiners of Iowa. Those who complete this course are entitled to a five-year state certificate without examination.

Entrance Requirements For Division II For Those Students Who Omit the First Year

There are two methods of entrance to this course of study: First, students who now hold a first grade county teachers' certificate may enter without examination upon presentation of such certificate. Second, students who do not hold this certificate may pass an examination upon the branches required for a first grade county certificate. This examination will be conducted by members of the faculty of the college.

Course of Study for Division II

First Year

First Semester		Second Semester	
Algebra	4 hours	Algebra ..	4 hours
Physics	3 hours	Physics.....	3 hours
Economics	4 hours	Civics.....	4 hours
Grammar	5 hours	Arithmetic	5 hours
U. S. History ..	4 hours	Physiology	4 hours

Second Year

First Semester		Second Semester	
Composition and Rhetoric.....	4 hours	Botany	4 hours
Plane Geometry	4 hours	Plane Geometry	4 hours
Ancient History	4 hours	Modern History	4 hours
Economics	4 hours	Bookkeeping	4 hours
Latin or Grammar.....	4 hours	Latin or Grammar.....	4 hours

Third Year

First Semester		Second Semester	
Drawing	3 hours	Drawing	3 hours
Music, Vocal	1 hour	Music, Vocal	1 hour
Psychology.....	4 hours	Didactics	4 hours
Elocution	3 hours	School Management	3 hours
American History.....	2 hours	American History.....	2 hours
Solid Geometry.....	3 hours	Sanitation	3 hours
Latin or German	4 hours	Latin or German	4 hours

Fourth Year

First Semester		Second Semester	
English Literature.....	4 hours	American Literature	4 hours
Physics	5 hours	Physics.....	5 hours
Commercial Geography	4 hours	American Government	4 hours
Methods	4 hours	Methods	4 hours
Latin or German	4 hours	Latin or German	4 hours

Division III

This course is for students who have completed a four-year high school course or its equivalent, and has been arranged to meet the needs of teachers and students who do not have time to finish the full college course, but who desire to secure a state certificate. The work of collegiate grade done in this course will count as advanced credit for baccalaureate degree. About forty-five hours of this course is college work. Upon the completion of this course, students are eligible to a five-year state certificate without examination.

Course of Study

First Year

First Semester

Drawing 3 hours
 Vocal Music..... 2 hours
 Commercial Geography 3 hours
 Expression 4 hours
 American History..... 2 hours
 Solid Geometry or
 Trigonometry 4 hours
 Latin, German or French..... 3 hours

Second Semester

Drawing 3 hours
 Vocal Music..... 1 hour
 American Government..... 3 hours
 School Management 3 hours
 American History..... 2 hours
 Sanitation 3 hours
 Latin, German or French 3 hours

Second Year

First Semester

American Literature 3 hours
 Psychology..... 3 hours
 Physics (Lectures, Methods
 and Laboratory) 5 hours
 Methods in Geography,
 Elementary Science and
 Arithmetic 4 hours
 Latin, German or French 3 hours

Second Semester

American Literature 3 hours
 Psychology 3 hours
 Physics (Lectures, Methods and
 Laboratory)..... 5 hours
 Methods in Algebra, English
 Grammar and Reading..... 4 hours
 Latin, German or French 3 hours

To Those Preparing to Teach

In addition to the preparation for general school work, it is important to make special preparation to teach one or two subjects. With such preparation, the student is ready for special and desirable positions. Ellsworth School of Education will assist students in this matter.

To illustrate, there are many calls for teachers to instruct in German, English, Science, Mathematics, Public School Music, Public School Drawing, Commercial Science, or Penmanship. The call is for teachers of special subjects, especially in the high schools and academies.

It seems, then, it should be recognized as important to consider this feature of preparation, and make the most of it.

Suggested Combinations

History and German; History and English; English and German; Mathematics and Physics; Physics and Chemistry; Biology and Chemistry; Latin and English; English and Public School Drawing; English and Public School Music; Public School Music and Drawing; Teacher of Commercial Subjects; English and Public School Penmanship; English and Public Speaking.

These and other combinations can be made. One's general course need not necessarily be weakened. At the end of three or four years study one may not only have the culture which this amount of study and effort signifies, but also be ready to accept a much better school position than otherwise would be possible.

There are many of the smaller high schools which will accept teachers who have five-year state certificates and who have taken their work in a school of education such as is provided here.

There are not enough special teachers who are well trained for their work. That is what gives importance to this matter. It is worth considering carefully.

Division IV

Natural or Advanced Professional Courses That Qualify Students for the Five-Year State Certificate.

Students who have finished the four years of college work and who receive the degree A. B., Ph. B., or S. B., must do twenty hours of advanced professional study in Education, Psychology and Philosophy as a part of the 120 hours required for graduation in order to be eligible to receive the five-year state certificate without examination.

School of Commerce

Business Training Essential

This is an age of commerce. Americans are distinctly a commercial people. They are destined to man and pilot the world's commercial ship and to assert the supremacy already virtually theirs. This supremacy can be maintained only by the constant exercise of sagacious business insight. A keen, penetrating commercial insight is largely augmented by a thorough practical training. Our excellent Commercial and Shorthand Schools are largely responsible for this condition. A technical business training is the pressing need of the hour—it is felt on every hand. The difference between the successful and the unsuccessful is largely a difference in practical knowledge. **Such knowledge is a capital that never fails, and which a reverse of fortune cannot destroy. It is a resource that secures profitable employment and self-support.** It is well called the "bread and butter" education.

Special Catalog of the School of Commerce

An artistic catalog setting forth in detail the work and the courses of the School of Commerce may be had for the asking. Those who are interested will please send for one.

Conservatory of Music

As director of the School of Music the management has secured the services of Prof. A. E. Bullock, who is recognized, wherever his ability as an instructor is known, as a master of his profession. He is not only a graduate of the Oberlin Conservatory of Music, but has studied under some of the eminent men of Europe. Mr. Bullock has taught in Central Iowa for several years and many of his students are now filling acceptably positions as music teachers. Students taking work in this department will find that they are being furnished the competent instruction of the best conservatories. Mr. Bullock is ably assisted in his work by Mrs. Bullock, who is highly recommended by the Oberlin Conservatory of Music.

The broad-minded, thinking musician is being demanded more and more each year, and it is toward the development of this sort of students that the Conservatory of Music is striving. By looking through the course and requirements of this department it will be readily seen that the management has endeavored to make them accord with this idea. Such a combination of branches has been taken up as is thought to be of the greatest benefit to the student, and it is our purpose to offer instruction in and provide for the study of the latest and best methods. This department is striving to direct the minds of the students toward the study of principles involved in the work they are doing; principles which underlie music in general and which underlie the production and performance of it; principles which, if applied, surmount the difficulties in the shortest time with the least expenditure of energy.

We do not aim to turn out each year a long list of graduates who have simply a diploma equipment, but we aim to hold our pupils from graduation until they have laid a good musical and technical foundation and have acquired a knowledge of scientific study.

We aim to give an adequate amount of time and attention to the technical as well as the emotional side of the pupil's nature, and to throw such influences about them as will be conducive to the growth of a musical and appreciative mind.

Courses of Study

The department offers three distinct courses, two of which lead up to diplomas—Piano, Voice and Theory and History of Music. It requires four years to complete the course in either Piano or Voice.

Piano Forte

A general outline of the work as carried on in Piano is as follows:

1. Technical exercises, which are intended to give control of the muscles of the fingers, hand and arms, making them responsive to the command of the will.

This work is carried on without notes, that the position of the hand may be closely watched by the pupil. Touch, as taught by us, is divided into four general classes, Staccato, Half Staccato, Leggiero and the Clinging Legato.

2. Etudes by the best teachers and composers, designed to give further development to the executive powers, to bring about a finer relation between the physical and mental faculties and to form a connecting link between purely technical work and the higher forms of musical expression.

3. Composition of sterling merit by the best writers, both ancient and modern.

Application of principles of pedaling as learning in the pedal technical studies. Work in all three divisions is carried on simultaneously.

Requirements for Graduation

The theory requirements of the course in Piano, which leads to a diploma, consists of six terms of Harmony—three terms of Ear Training, and one year of Musical History, besides being able to perform in a satisfactory manner. The Theory and Musical History requirements for graduation in Voice are the same as those in Piano. One year of Piano is also required. Each graduate of the Piano or Voice Course is required to give a recital during his Senior year.

Vocal

The pure Italian method as taught by Maestro Vannini is used in this department, and the work is divided into three general divisions.

1. Technics, consisting of exercises and syllables that promote the proper use and development of the muscles of the mouth, throat and breathing organs.

2. Etudes for the application of the principles learned in Technics, Vaccai, Seiber and Concone.

3. Songs embodying the principles learned in Technics and Etudes, Art Study, Dramatic Expression, etc.

Harmony

The regular course that is offered in Harmony includes six terms.

First Term

Musical notation, keys, scales and signatures, intervals, formation of the triad, chord connection. Simple part-writing from given bases and sopranos. First eighteen lessons in Elementary Harmony by A. E. Heacox.

Second Term

Inversions of the triad, and special progressions. Elementary Harmony completed. Chords of the seventh and their inversions, with exercises in harmonizing sopranos and bases in open as well as close position. —Chromatic changes. Lessons eight to nineteen in Elements of Harmony by Emery.

Third Term

Augmented sixths, modulation, and suspensions. Practical work at the piano.

Fourth Term

Exercises in full score, retardation, appoggiatura, anticipation, and passing tone. Piano work.

Fifth Term

Harmonizing melodies which modulate, no figuring being given, harmonizing given altos and tenors, original exercises and double chants.

Sixth Term

Chorals, original hymn writing and exercises from Bach's figured chorals. Text-book completed.

Ear Training

Before entering the fourth term class in harmony, students must have special training of the ear, which aim to develope and quicken the musical perception, with particular reference to the capacity for intelligent hearing.

First Term

Exercises based upon the diatonic major scale, notation, studies in rhythm, motives, phases selected from the works, of the great composers, the minor scale and exercises in the minor mode. First six chapters of ear training by A. E. Heacox.

Second Term

Chromatic progressions, modulation, the period, intervals, the two-part phases, and many short two-part exercises. Next five chapters of ear training.

Third Term

The triad, many short three-part exercises. Chords in the major mode in four-part music, inversions, passing tones, suspensions, chords in the minor mode, modulation into nearly related keys, imitation. Text book completed.

Musical History

This work is given in the form of lectures and lessons from text books, accompanied by outside readings.

The lectures deal with the development of music in all its forms from the beginning of the Christian era to the present, and also with the history of musical taste and culture in all countries and periods.

Violin and Viola

Miss Kathryn Marss, a graduate and post-graduate of the Chicago Musical College, will have charge of instruction in violin and viola.

In this department the aim is to teach the fundamentals of violin-playing in such a manner as to lay the foundations of intelligent musicianship with the same thoroughness and seriousness as in all other departments of the Conservatory.

For pupils sufficiently advanced, opportunity is afforded for orchestral practice and other forms of ensemble work.

Some Advantages

There are many advantages in taking music instruction in connection with a conservatory, and more especially so, where there is close relation with college work as in the case at Ellsworth.

Students have the opportunity of hearing much fine music as given by specialists who visit the city. Then there is the special training given by means of recitals, that are held from time to time.

Moreover, music students may take college studies, if they desire in language (English, Greek, Latin, German, or French), or in many other lines of work that are especially helpful to students of music.

Freehand Drawing and Sketching

The object of this department is to fit pupils to give instruction in drawing, as required in the progressive public schools of today and should be taken advantage of by all Normal students. The same system is taught here as is used in city schools, and is considered a most thorough course. The Art work gives culture and breadth of mind and those desiring to teach should take advantage of it as it is greatly beneficial in nature study, geography and history.

Public School Drawing and Art

1. Drawings from objects and still life.
2. Art and nature study.
3. Memory sketches and story illustration.
4. Cast drawing.
5. Studies in values and perspective.
6. Figure posing.
7. Composition.
8. Special attention given to public school drawing methods.

Public School Penmanship

This will be a course in exercises and methods. It will be very practical and helpful to those who wish to make this important subject attractive to the public schools.

Alumni Associations

Officers of the Collegiate Alumni Association

President	Nellie May Thorpe, Iowa Falls, Iowa
Vice-President	James Everett Huffman, Iowa Falls, Iowa
Secretary	Helen M. Weaver, Iowa Falls, Iowa
Treasurer	Mrs C. B. Rayhill, Iowa Falls, Iowa

Officers of the Ellsworth Alumni Association

President	George C. Mauss, Spencer, Iowa
1st Vice-President	Ray Baird, Webster City, Iowa
2d Vice President	Gertrude Leach, Ackley, Iowa
Secretary	Glenn C. Smith, Grundy Center, Iowa
Treasurer	Fred C. Krieg, Jasper, Minnesota

Degrees and Diplomas Awarded at Commencement, June 6th, 1912

Bachelor of Arts

Aiken, Geno, Benton, Illinois.
 Collis, Raymond Everett, Iowa Falls, Iowa.
 Crasper, Anna Hoag, Iowa Falls, Iowa.
 Himmel, Walter J., Iowa Falls, Iowa.
 Huffman, James Everett, Iowa Falls, Iowa.
 Leslie, Nina, Iowa Falls, Iowa.
 Sanders, Grant Leslie, Iowa Falls, Iowa.
 Thomas, Leola, Iowa Falls, Iowa.
 Thorpe, Nellie May, Iowa Falls, Iowa
 Wall, Edna Emily, Alden, Iowa.

Shorthand and Accounting

Culp, Erva Keady, Woolstock, Iowa.
 Fanselow, John Ray, Latimer, Iowa.
 Faust, Emma, Hubbard, Iowa.
 ✓ Galvin, Dennis Cornelius, Preston, Minn.
 Hunter, James Robert, Woolstock, Iowa.
 ✓ Knudtson, Benjamin H., Roland, Iowa.
 Mauss, George Conrad, Spencer, Iowa.
 ✓ Thompson, Andy, Mitchell, Iowa.

Roster of Students

College of Liberal Arts

Post Graduate

Himmel, John P., Iowa Falls, Iowa.

Diplomas

Conservatory of Music

Steffler, Ida M., Alden, Iowa.

Academy

Elzig, Charles Henry, Iowa Falls, Iowa.
 Houg, Orville Adlai, Alexander, Iowa.
 Leach, Gertrude Wavel, Ackley, Iowa.
 Wirds, John Floyd, Buckeye, Iowa.

School of Commerce

Accounting

✓ Boyken, William, Woden, Iowa.
 Maybaum, Henry, Alden, Iowa.
 Michaelson, Jeffrey K., Roland, Iowa.

Shorthand

Gregg, Donald W., Iowa Falls, Iowa.
 Hartness, Moulton, Greene, Iowa.
 Soash, Ray D., Iowa Falls, Iowa.

Seniors

Aiken, Geno, Benton, Illinois.
 Collis, Raymond E., Iowa Falls, Iowa.
 Crasper, Anna Hoag, Iowa Falls, Iowa.
 Himmel, Walter J., Iowa Falls, Iowa.
 Huffman, James E., Iowa Falls, Iowa.
 Leslie, Nina, Iowa Falls, Iowa.
 Sanders, Grant Leslie, Iowa Falls, Iowa.
 Thomas, Leola, Iowa Falls, Iowa.
 Thorpe, Nellie May, Iowa Falls, Iowa.
 Wall, Edna Emily, Alden, Iowa.

Juniors

Campbell, Laura M., Williams, Iowa.
 Christoferson, Eli, Webster City, Iowa.
 Hendrickson, Melvin, Montevideo, Minn.
 Hendrickson, John, Montevideo, Minn.
 Johnson, Caroline, Iowa Falls, Iowa.
 ✓ McCreary, Ward, Bradgate, Iowa.

- ✓ Risse, Harvey F., Hubbard, Iowa.
- Stout, Josie, Iowa Falls, Iowa.
- Wesenberg, George W., Iowa Falls, Iowa.
- Winterfield, Iva, Iowa Falls, Iowa.

Sophomores

- ✓ Allison, Raymond, Alden, Iowa.
- ✓ Chambliss, Ed, ~~Iowa Falls~~, Iowa. *Defun*
- Dougan, Roy, Iowa Falls, Iowa.
- Erickson, Susan, Fort Dodge, Iowa.
- Gilchrist, Clarence E., Iowa Falls, Iowa.
- Hoffman, William, Radcliffe, Iowa.
- Kamberling, Mary, Iowa Falls, Iowa.
- Kratz, Milford, Hampton, Iowa.
- ✓ Krieg, Fred C., Jasper, Minn.
- Miller, Blanche, Iowa Falls, Iowa.
- Smith, Glenn C., Grundy Center, Iowa.
- Thorpe, Florence, Iowa Falls, Iowa.
- Trickey, Benjamin J., Iowa Falls, Iowa.

Freshmen

- Aiken, Lulu, Benton, Illinois.
- ✓ Allen, Ruth, Lohrville, Iowa.
- ✓ Baird, Ray, Webster City, Iowa.
- ✓ Christie, Ralph, Belmond, Iowa.
- Cutting, Charles, Iowa Falls, Iowa.
- Evers, Helen, Iowa Falls, Iowa.
- Frisbie, Will, Nora Springs, Iowa.
- Faust, Emma, Hubbard, Iowa.
- Galvin, Dennis Cornelius, Preston, Minn.
- Ganfield, Ilia, Iowa Falls, Iowa.
- Gardner, Goldena, Iowa Falls, Iowa.
- Gregg, Donald W., Iowa Falls, Iowa.
- Hall, Harold, Iowa Falls, Iowa.
- Hamilton, Arthur, Iowa Falls, Iowa.
- Himmel, Winifred, Iowa Falls, Iowa.
- Mason, Edda, Iowa Falls, Iowa.
- Meyer, Ivan I., Iowa Falls, Iowa.
- Myer, Grace, Iowa Falls, Iowa.
- Stockdale, Florence, Iowa Falls, Iowa.
- ✓ Swanson, Jess J., Whittemore, Iowa.
- Tidman, Ray J., Iowa Falls, Iowa.
- Walker, Dilver, Iowa Falls, Iowa.
- Widen, Dora E., Harcourt, Iowa.

Academy

Fourth Year

- Campbell, Harold, Williams, Iowa.
- Elzig, Charles H., Iowa Falls, Iowa.
- Houg, Orville Adlai, Alexander, Iowa.
- Leach, Gertrude Wavel, Ackley, Iowa.
- Mark, Leroy, Iowa Falls, Iowa.

- Michaelson, Jeffrey K., Roland, Iowa.
- Wirds, John Floyd, Buckeye, Iowa.

Third Year

- Boyken, William, Woden, Iowa.
- Fanselow, Ray, Latimer, Iowa.
- Gordon, Francis, LaHarpe, Ill.
- Gordon, Ira, LaHarpe, Ill.
- Hall, Annabel, Alexander, Iowa.
- Himmel, Alice, Iowa Falls, Iowa.
- Hunter, James Robert, Woolstock, Iowa.
- Mauss, George C., Spencer, Iowa.
- ✓ Parsons, Lillie, Galt, Iowa.
- Soash, Ray D., Iowa Falls, Iowa.
- Trickey, Reuben, Iowa Falls, Iowa.
- Wesenberg, Esther, Goodell, Iowa.

Second Year

- Adams, Elva, Iowa Falls, Iowa.
- Adamson, Hattie, Iowa Falls, Iowa.
- Folbrecht, Hollis, Hampton, Iowa.
- Gordon, Gary, LaHarpe, Ill.
- ✓ Harris, Joe, ~~Iowa Falls~~, Iowa.
- Kratz, Edna, Hampton, Iowa.
- Mark, Clara, Iowa Falls, Iowa.
- Matson, Andrew, Galt, Iowa.
- Meyer, Harold, Iowa Falls, Iowa.
- Maybaum, Henry, Alden, Iowa.
- Mulford, Walter, Iowa Falls, Iowa.
- Simpson, Violet, Galt, Iowa.
- Thompson, Otis, Clarion, Iowa.
- Turner, Alice, Iowa Falls, Iowa.
- Wesenberg, Ed, Iowa Falls, Iowa.
- Wesenberg, Kendall, Iowa Falls, Iowa.

First Year

- Ackley, Paul, Blairsburg, Iowa.
- Acuff, Sherman, Iowa Falls, Iowa.
- Adamson, Laura, Iowa Falls, Iowa.
- Bleeker, Anna, Ackley, Iowa.
- Bleeker, Tena, Ackley, Iowa.
- Bobst, Albert, Alexander, Iowa.
- Burke, Sadie, Iowa Falls, Iowa.
- Burman, Ray, Hampton, Iowa.
- Chapman, Grace, Clarion, Iowa.
- Christopherson, Marie, Radcliffe, Iowa.
- Deam, Sylvester, Chapin, Iowa.
- Ellison, Guy, Iowa Falls, Iowa.
- Hager, Ruth, Wilke, Iowa.
- Hanson, Mabel, Iowa Falls, Iowa.
- Harris, Stephen, Iowa Falls, Iowa.

Hendrickson, Herman, Hubbard, Iowa.

✓ Koch, Harold, Hampton, Iowa.

Krieg, Will, Jasper, Minn.

Laipple, Louise, Faulkner, Iowa.

Leach, Vernie, Ackley, Iowa.

Lien, Adolph, Kanawha, Iowa.

✓ Mikesch, Charles J., Belmond, Iowa.

Miller, Leslie, Dougherty, Iowa.

Nelson, Floyd, Iowa Falls, Iowa.

O'Neill, Eva, Iowa Falls, Iowa.

Schmedika, Vera, Radcliffe, Iowa.

Wirds, Ernest, Buckeye, Iowa.

Wirds, Joseshine, Buckeye, Iowa.

Wohlford, Elva, Hampton, Iowa.

School of Education

The Two-Year Advanced Course

First Year

Aiken, Lulu, Benton, Illinois.

Ganfield, Ilia, Iowa Falls, Iowa.

Myer, Grace, Iowa Falls, Iowa.

Widen, Dora E., Harcourt, Iowa.

The Four-Year Course

Fourth Year

Franklin, Rena, Albia, Iowa.

Hall, Annabel, Alexander, Iowa.

Third Year

Adams, Elva, Iowa Falls, Iowa.

Second Year

Simpson, Violet, Galt, Iowa.

Turner, Alice, Iowa Falls, Iowa.

First Year

Annaniason, Otelia, McCallsburg, Iowa.

Arney, Sadie, Eldora, Iowa.

Bishel, Ada, Sheffield, Iowa.

Bleeker, Bernice, Ackley, Iowa.

Cramer, Della, Clarion, Iowa.

Diestelmeier, Hulda, Kent, Illinois.

Donald, Jessie, Gifford, Iowa.

Fredericks, Gustav, Iowa Falls, Iowa.

Fredericks, Elizabeth, Iowa Falls, Iowa.

Fuller, Edward, Owasa, Iowa.

Gudat, Luella, Spirit Lake, Iowa.

Gudat, Susanna R., Spirit Lake, Iowa.

Hackbarth, Meryl, Dows, Iowa.

Harris, Ida, Robertson, Iowa.

✓ Jorstad, Margaret, Stanhope, Iowa.

Johns, Grace, Abbott, Iowa.

Kessling, Pearl, Iowa Falls, Iowa.

✓ Krantz, Hazel, Sexton, Iowa.

Krieg, Will, Jasper, Minn.

Laipple, Louise, Faulkner, Iowa.

Lundy, Viola, Iowa Falls, Iowa.

✓ Myrah, Augusta, Badger, Iowa.

Reynolds, Celia, Iowa Falls, Iowa.

✓ Runyan, Floyd, Dysart, Iowa.

Schmedika, Vera, Radcliffe, Iowa.

Seelemeier, Bessie, Iowa Falls, Iowa.

Seelemeier, Ralph, Iowa Falls, Iowa.

Sefcik, Mary, Moorland, Iowa.

Simpson, Maude, Owasa, Iowa.

Stole, Mae, Roland, Iowa.

Swift, Arclista, Popejoy, Iowa.

Swift, Jessie, Popejoy, Iowa.

Thompson, Ida, Badger, Iowa.

Wharton, Ivy, Clarion, Iowa.

Whitmore, Bonnie, Chapin, Iowa.

School of Commerce

Third Year

Babcock, Ethel, Shorthand-Bookkeeping, Osage, Iowa.

Blackstone, Earl, Shorthand-Bookkeeping, Iowa Falls, Iowa.

Boyken, William, Bookkeeping-Typewriting, Woden, Iowa.

Christie, Ralph, Shorthand-Bookkeeping, Belmond, Iowa.

Chambliss, Edwin, Typewriting, Iowa Falls, Iowa.

Culp, Erva K., Shorthand-Bookkeeping, Woolstock, Iowa.

Fanselow, Ray, Shorthand-Bookkeeping, Latimer, Iowa.

Faust, Emma, Shorthand-Bookkeeping, Hubbard, Iowa.

Galvin, Dennis, Cornelius, Shorthand-Bookkeeping, Preston, Minn.

Gohring, Ralph, Shorthand-Bookkeeping, Iowa Falls, Iowa.

Gregg, Donald W., Shorthand-Bookkeeping, Iowa Falls, Iowa.

Hall, Harold, Bookkeeping, Iowa Falls, Iowa.

Hamilton, Arthur, Bookkeeping, Iowa Falls, Iowa.

✓ Hartness, Moulton, Shorthand, Greene, Iowa.

✓ Harvey, Rilla, Shorthand-Bookkeeping, Marne, Iowa.
 Hayden, Ruthven, Bookkeeping, Iowa Falls, Iowa.
 Hunter, James R., Shorthand-Bookkeeping, Woolstock, Iowa.
 Indra, Willard, Bookkeeping-Typewriting, Osage, Iowa.
 Knudtson, Benjamin H., Shorthand-Bookkeeping, Roland, Iowa.
 Mahoney, Ellen, Shorthand-Typewriting, Iowa Falls, Iowa.
 Mauss, George C., Shorthand-Bookkeeping, Spencer, Iowa.
 Maybaum, Henry, Shorthand-Bookkeeping, Alden, Iowa.
 Michaelson, Jeffrey K., Bookkeeping, Roland, Iowa.
 ✓ Sage, Clara, Shorthand-Typewriting, Iowa Falls, Iowa.
 ✓ ~~Saunders, Lester, Shorthand-Bookkeeping, Iowa Falls, Iowa.~~
 Soash, Ray, Shorthand-Bookkeeping, Iowa Falls, Iowa.
 Thompson, Andy, Shorthand-Bookkeeping, Mitchell, Iowa.
 Trickey, Reuben, Bookkeeping, Iowa Falls, Iowa.
 Ulm, Edith, Shorthand-Typewriting, Humeston, Iowa.
 Walker, Dilver, Shorthand-Bookkeeping, Iowa Falls, Iowa.

Second Year

✓ Baxter, George, Bookkeeping, Belmond, Iowa.
 Creager, Mary, Bookkeeping-Typewriting, Iowa Falls, Iowa.
 ✓ Deam, Sylvester, Bookkeeping, Chapin, Iowa.
 Ellison, Guy, Bookkeeping, Iowa Falls, Iowa.
 Golden, Mellie, Shorthand-Bookkeeping, Iowa Falls, Iowa.
 Hanson, Mabel, Shorthand-Bookkeeping, Iowa Falls, Iowa.
 O'Neill, Eva, Shorthand-Bookkeeping, Iowa Falls, Iowa.
 ✓ Peterson, Erie, Shorthand-Bookkeeping, Sheffield, Iowa.
 Stubbs, Ethelyn, Typewriting-Bookkeep-

ing, Iowa Falls, Iowa.
 Weakley, Fay, Shorthand-Bookkeeping, Gays, Illinois.

First Year

Armstrong, Waldron, Bookkeeping, Hampton, Iowa.
 Ackerman, Benjamin, Bookkeeping, Applington, Iowa.
 Bell, Fred, Typewriting-Bookkeeping, Alexander, Iowa.
 Bell, Harold, Bookkeeping, Alexander, Iowa.
 ✓ Ball, Harry, Bookkeeping, Dows, Iowa.
 Ballou, Otho, Bookkeeping, Rowan, Iowa.
 Bleeker, George, Bookkeeping, Ackley, Iowa.
 Boddy, Walter, Bookkeeping, Iowa Falls, Iowa.
 Bohlen, Mamie, Shorthand-Bookkeeping, Alexander, Iowa.
 Brittain, Clarence, Bookkeeping, Iowa Falls, Iowa.
 Clark, Wayne L., Bookkeeping, Belmond, Iowa.
 Claude, Louise, Bookkeeping, Blairsburg, Iowa.
 ✓ Coble, Charles, Bookkeeping, Blairsburg, Iowa.
 ✓ Day, Clarence, Bookkeeping, Blairsburg, Iowa.
 ✓ Denger, Clarence, Bookkeeping, Dows, Iowa.
 Denio, Allen, Bookkeeping, Galt, Iowa.
 ✓ DeWitt, Roy, Bookkeeping-Shorthand, Pleasantville, Iowa.
 Doolittle, Guy, Bookkeeping, Ellsworth, Iowa.
 ✓ Drury, Frank, Bookkeeping, Dows, Iowa.
 Fredericks, Margaret, Bookkeeping, Iowa Falls, Iowa.
 ✓ Grothaus, Wm. J., Bookkeeping, Buffalo Center, Iowa.
 ✓ Hayden, Clifford, Bookkeeping, Eldora, Iowa.
 Helwig, Esther, Bookkeeping, Iowa Falls, Iowa.
 ✓ Himmel, Earl, Bookkeeping, Radcliffe, Iowa.
 ✓ Hoag, James, Bookkeeping, Blairsburg, Iowa.

- ✓ Irving, Ralph, Bookkeeping, Klemme, Iowa.
 Jutting, John, Bookkeeping, Cleves, Iowa.
 Luttschwager, Reuben, Bookkeeping, Buckeye, Iowa.
 Larson, Erling, Bookkeeping, Kanawha, Iowa.
 Lien, Oscar, Bookkeeping-Shorthand, Kanawha, Iowa.
 Mannetter, Henry, Bookkeeping, Hubbard, Iowa.
 McBeth, Harry, Bookkeeping, Rowan, Iowa.
 Mikesch, Charles J., Bookkeeping, Belmond, Iowa.
 Moore, Ernest, Shorthand-Bookkeeping, Iowa Falls, Iowa.
 Nail, Harry, Bookkeeping, Woolstock, Iowa.
 Ruppelt, Philip, Bookkeeping, Steamboat Rock, Iowa.
 Reed, Leslie, Bookkeeping, Alexander, Iowa.
 Ryder, Ethel, Bookkeeping-Shorthand, Rowan, Iowa.
 ✓ Sabus, Jacob, Bookkeeping, Churdan, Iowa.
 Scott, Rudolph, Bookkeeping, Clarion, Iowa.
 ✓ Seamands, Vern, Bookkeeping, Woolstock, Iowa.
 Simpson, Fred, Bookkeeping, Iowa Falls, Iowa.
 Sloan, John J., Bookkeeping, Blairsburg, Iowa.
 ✓ Starr, Elmer, Bookkeeping, Dows, Iowa.
 Stevens, Ray, Bookkeeping, Iowa Falls, Iowa.
 Stewart, E. Ray, Bookkeeping, Iowa Falls, Iowa.
 ✓ Sutter, Ralph, Bookkeeping, Hampton, Iowa.
 ✓ Uhlenhopp, Jacob, Bookkeeping, Kesley, Iowa.
 ✓ Watland, Henry, Bookkeeping, Badger, Iowa.
 White, Ella, Shorthand-Bookkeeping, Iowa Falls, Iowa.
 Witmer, Carrie, Booking, Iowa Falls, Iowa.

Zenor, Leland, Bookkeeping, Woolstock, Iowa.

Ellsworth School of Music

Post Graduate Students

Piano

Cowles, Marguerite, Amenia, New York
 *Peterson, Rebecca, Ellsworth, Iowa.
 Ricks, May, Iowa Falls, Iowa.

Voice

Cowles, Francis, Amenia, New York.

Under Graduate Students

Piano

Altshuler, Grace, Iowa Falls, Iowa.
 *Anderson, Mable, Webster City, Iowa.
 *Arnold, Myrtle, Webster City, Iowa.
 Butler, Maud, Alexander, Iowa.
 Buck, Aleta, Iowa Falls, Iowa.
 Burlingame, Marjorie, Iowa Falls, Iowa.
 Belken, Esther, Iowa Falls, Iowa.
 Beebe, Paul, Iowa Falls, Iowa.
 Bleeker, Anna, Ackley, Iowa.
 Buck, Mildred, Iowa Falls, Iowa.
 Bleeker, Tena, Ackley, Iowa.
 Becker, Lucile, Ackley, Iowa.
 Cowles, Francis, Amenia, New York.
 Cook, Rosalind, Webster City, Iowa.
 Cavana, Mirabel, Iowa Falls, Iowa.
 Chamberlin, Mrs. C. E., Iowa Falls, Iowa.
 Chapman, Grace, Woolstock, Iowa.
 Cummings, Dorothy, Iowa Falls, Iowa.
 Coonce, Martha, Hoopeson, Illinois.
 Dunn, Pearl, Iowa Falls, Iowa.
 Dougan, Roy, Iowa Falls, Iowa.
 Elliott, Gertrude, Ackley, Iowa.
 Fayant, Hazel, Iowa Falls, Iowa.
 Fox, Velda, Iowa Falls, Iowa.
 Faris, Mary, Iowa Falls, Iowa.
 Griggs, Nellie, Goodell, Iowa.
 Himmel, Alice, Iowa Falls, Iowa.
 Hamilton, Myrtle, Osage, Iowa.
 Hackbarth, Meryl, Dows, Iowa.
 Heikens, Martha, Postoria, Iowa.
 Hills, Uarda, Iowa Falls, Iowa.
 Hopkins, Lyman, Iowa Falls, Iowa.
 Helwig, Esther, Iowa Falls, Iowa.
 Hillhouse, Elva, Iowa Falls, Iowa.
 Hunt, Hazel, Iowa Falls, Iowa.

Hager, Ruth, Wilke, Iowa.
 *Julian Cecil, Webster City, Iowa.
 *Johnston, Malou, Webster City, Iowa.
 *Jacobs, Myrtle, Webster City, Iowa.
 Janssen, Beatrice, Iowa Falls, Iowa.
 Kamberling, Mary, Iowa Falls, Iowa.
 Koch, Harold, Hampton, Iowa.
 Killius, Lora, Iowa Falls, Iowa.
 Kahrs, Dora, Hubbard, Iowa.
 Kratz, Lewis, Hampton, Iowa.
 Lohr, Frances, Iowa Falls, Iowa.
 Laipple, Louise, Iowa Falls, Iowa.
 *Lee, Grace, Webster City, Iowa.
 Laird, Mabel, Alden, Iowa.
 McCrabb, Esma, Iowa Falls, Iowa.
 *Pearce, Kathryn, Webster City, Iowa.
 Roberts, Mrs. Frank, Iowa Falls, Iowa.
 Rhodes, Ella, New Providence, Iowa.
 Rowe, Lee, Iowa Falls, Iowa.
 Ross, Vae, Iowa Falls, Iowa.
 Stotser, Ina, Iowa Falls, Iowa.
 Sheldon, Elizabeth, Iowa Falls, Iowa.
 Smith, Velma, Iowa Falls, Iowa.
 Sanders, Laurence, Iowa Falls, Iowa.
 Schaub, Wesley, Alden, Iowa.
 Smith, Lillian, Webster City, Iowa.
 Steffler, Ida, Alden, Iowa.
 Skevington, Gladys, Williams, Iowa.
 Sheldon, Ray, Iowa Falls, Iowa.
 *Swanson, Louise, Webster City, Iowa.
 Shipley, Reulah, Iowa Falls, Iowa.
 Stark, Annetta, Webster City, Iowa.
 *Sidenstucker, Bessie, Jewell Junction, Iowa.
 Schmedika, Vera, Radcliffe, Iowa.
 Schwinger, Esther, Buckeye, Iowa.
 Stockdale, Florence, Iowa Falls, Iowa.
 Springer, Jessie, Hampton, Iowa.
 Sullivan, Fern, Iowa Falls, Iowa.
 Sullivan, Winnie, Iowa Falls, Iowa.
 Sampson, Christina, Garden City, Iowa.
 Springer, Irma, Hampton, Iowa.
 Tellinghuisen, Georgine, Wellsburg, Iowa.
 *Vorhes, Nona, Williams, Iowa.
 Wesenberg, Fern, Iowa Falls, Iowa.
 Wood, Rhea, Armstrong, Iowa.
 Wright, Eva, Iowa Falls, Iowa.
 Wirs, Josephine, Buckeye, Iowa.
 Wesenberg, Esther, Goodell, Iowa.

Voice

*Anderson, May, Ellsworth, Iowa.
 Butler, Maud, Alexander, Iowa.
 *Boudinot, E. S., Webster City, Iowa.
 Bleeker, Anna, Ackley, Iowa.
 *Carey, Maud Soule, Webster City, Iowa.
 Cowles, Marguerite, Amenia, New York.
 *Channer, Robert, Webster City, Iowa.
 Dodge, Warren, Webster City, Iowa.
 Dunn, Pearl, Iowa Falls, Iowa.
 Evans, Jessie, Iowa Falls, Iowa.
 Erickson, Susan, Fort Dodge, Iowa.
 Ellis, Phillip, Iowa Falls, Iowa.
 *Grove, Leona, Plover, Iowa.
 Himmel, Alice, Iowa Falls, Iowa.
 Heikens, Martha, Fostoria, Iowa.
 *Hansen, Amanda, Ellsworth, Iowa.
 Ives, Gertrude, Iowa Falls, Iowa.
 Kane, Rita, Iowa Falls, Iowa.
 Lohr, Frances, Iowa Falls, Iowa.
 *Mullins, Richard, Webster City, Iowa.
 *Mulholland, Cecil, Webster City, Iowa.
 *MacGoe, Mrs. W. L., Webster City, Iowa.
 *Pearce, Kathryn, Webster City, Iowa.
 *Peterson, Rebecca, Ellsworth, Iowa.
 Rhodes, Ella, New Providence, Iowa.
 Riley, Mrs. Genevieve, Iowa Falls, Iowa.
 *Rood, William, Webster City, Iowa.
 Roberts, Frances, Ackley, Iowa.
 Sheldon, Elizabeth, Iowa Falls, Iowa.
 Schaub, Wesley, Alden, Iowa.
 Smith, Lillian, Webster City, Iowa.
 Sanders, Mrs. Marvin, Iowa Falls, Iowa.
 Stark, Annetta, Webster City, Iowa.
 *Snow, Carrie, Webster City, Iowa.
 Schofield, W. A., Iowa Falls, Iowa.
 *Traver, Arlie, Ellsworth, Iowa.
 Turner, Mrs. C. B., Iowa Falls, Iowa.
 *Whitacre, Helen, Webster City, Iowa.
 *Whitham, Ruby, Webster City, Iowa.
 *Wiemer, Tillie, Radcliffe, Iowa.

Harmony

Buck, Aleta, Iowa Falls, Iowa.
 Chamberlin, Mrs. C. E., Iowa Falls, Iowa.
 Cook, Rosalind, Webster City, Iowa.
 Cowles, Francis, Amenia, New York.
 Dougan, Roy, Iowa Falls, Iowa.

Dunn, Pearl, Iowa Falls, Iowa.
Hillhouse, Irma, Iowa Falls, Iowa.
Kamberling, Mary, Iowa Falls, Iowa.
Lohr, Frances, Iowa Falls, Iowa.
Rhodes, Ella, New Providence, Iowa.
Stockdale, Florence, Iowa Falls, Iowa.
Steffler, Ida, Alden, Iowa.
Springer, Jessie, Hampton, Iowa.
Schaub, Wesley, Alden, Iowa.

Ear Training

Buck, Aleta, Iowa Falls, Iowa.
Butler, Maud, Alexander, Iowa.
Cowles, Marguerite, Amenia, New York.
Cowles, Francis, Amenia, New York.
Dogan, Roy, Iowa Falls, Iowa.
Dunn, Pearl, Iowa Falls, Iowa.

Hillhouse, Irma, Iowa Falls, Iowa.
Lohr, Frances, Iowa Falls, Iowa.
Rhodes, Ella, New Providence, Iowa.
Stockdale, Florence, Iowa Falls, Iowa.
Stotser, Ina, Iowa Falls, Iowa.
Springer, Jessie, Hampton, Iowa.
Schaub, Wesley, Alden, Iowa.
Stark, Annetta, Webster City, Iowa.

Musical History

Buck, Aleta, Iowa Falls, Iowa.
Chamberlin, Mrs. C. E., Iowa Falls,
Iowa.
Lohr, Francis, Iowa Falls, Iowa.
Stockdale, Florence, Iowa Falls, Iowa.
Steffler, Ida, Alden, Iowa.

Summary

College of Liberal Arts

	Men	Women	Total
Post Graduate.....	1	0	1
Seniors.....	4	6	10
Juniors	6	4	10
Sophomores.....	9	4	13
Freshmen.....	12	11	23
Total	32	25	57

Ellsworth Academy

Fourth Year.....	6	1	7
Third Year.....	8	4	12
Second Year.....	10	6	16
First Year.....	15	14	29
Total	39	25	64

The School of Education

Two-Year Advanced Course

Second Year.....	0	0	0
First Year.....	0	4	4
Total	0	4	4

Four-Year Course

Fourth Year.....	0	2	2
Third Year.....	0	1	1
Second Year.....	0	2	2
First Year.....	5	30	35
Total	5	35	40

School of Commerce

	Men	Women	Total
Third Year.....	24	6	30
Second Year.....	5	5	10
First Year.....	45	7	52
Total	74	18	92

Conservatory of Music

Post Graduate Students

Piano	0	3	3
Voice.....	1	0	1

Undergraduate Students

Piano	11	72	83
Voice.....	8	32	40
Harmony	3	11	14
Ear Training	3	11	14
Musical History ...	0	5	5

Total	26	134	160
Not in Residence ..			29

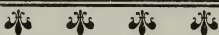
In Residence..Total			131
---------------------	--	--	-----

Total	176	241	417
-------------	-----	-----	-----

Names counted more than once			89
------------------------------------	--	--	----

Net Total			328
----------------	--	--	-----

INDEX



Athletic Park	15	Main Hall	15
Agriculture	78	Meaning of "U"	69
Athletics	21	Museum	23
Advantages of Attending the Academy	68	Mathematics	56, 76
Academy	68	Music	58
Academic Courses	69	Musical History	91
Alumni Associations	94	North Hall for	15
Board of Trustees	5	New Students	23
Biological Laboratory	23	Notes on Academic Courses	70
Board	23	Natural Science	77
Bible and Religion	38	Organization	12
Biological Sciences	39	Oratory and Public Speaking	66, 79
Botany	41	Physical Laboratory	22
Business Training Essential	87	Plan of Grouping Subjects of Study	33
College Calendar	3	Physics	60
Caroline Hall	15	Political and Social Science	61
Central Heating and Lighting Station	16	Psychology and Philosophy	63
Chemical Laboratory	22	Public Speaking	64, 79
Conservatory of Music Fees	26	Public School Music	60
College Work for Entrance to Professional Schools	32	Piano Forte	89
Chemistry	42, 71	Public School Drawing	93
Conservatory of Music	88	Public School Penmanship	93
Debating	65, 79	Recitations and Studies	18
Division I Normal Work	81	Religious Culture	18
Division II Normal Work	83	Requirements for Admission to College	29
Diplomas and Certificates	27	Representative Groups of Subjects for A. B., B. S., and Ph. B., Degree	33, 35
Division III Normal Work	85	Requirements for Admission to Academy	68
Division IV Normal Work	87	Requirements for Admission to Normal Course Division I	81
Dramatics	66, 79	Requirements for Admission to Normal Course Division II	83
Endowment	14	Requirements for Admission to Normal Course Division III	85
Examinations and Grades	17	Requirements for Graduation from Academy	69
Expression	79	Requirements for Graduation from Conservatory	89
Expenses	24	Standing Committees of Faculty	10
Education	43	Standing Committees of Board of Trustees	5
English	45, 71	Students Organizations	18
Ear Training	91	Y. M. C. A.	19
Faculty	6	Y. W. C. A.	19
Five-year Teachers State Certificate	87	Athletic Association	19
French	48	The Editorial Board	19
Freehand Drawing	92	The Literary Societies	19
Furnished Rooms	24	Elks College Oratorical Association	20
General Information	12	The Glee Band	20
Grounds and Buildings	14	Specimen	67
General Remarks and Expenses	27	Scope of Work of Academy	68
Groups System	33	Some Advantages	92
Geology	49	School Art	93
German	50, 73	School Commerce	87
Gifts and Bequests	24	School Education	81
Greek	51	Tuition	25
History	52, 74	Teaching Training	80
Harmony	90	Teaching Training School of Education	81, 86
Lecturers	11		
Location	13		
Lecture Course	17		
Library Facilities	21		
Laboratories	22		
Laboratory Fees	26		
Latin	54, 75		

UNIVERSITY OF ILLINOIS-URBANA



3 0112 111551393